



edel s.l.
electrónica de elevadores

New R3 series

A quality company

High standards of quality are what our customers are looking for, that's why we try to give our best everyday being ahead of the strict compliance with regulations.

Certificates and normatives that currently meet Electrónica de Elevadores S.L:



UNE-EN ISO 9001:2000 for development and assembly of electrical components, preassembled wirings and controllers for lifts. To guarantee a good service and the high quality of our manufacturing process, a high level of efficiency, as well as management control, are basic.



Certificate that regulate the use of hazardous substances in electrical applications to avoid damage to the environment and people's health. To comply with this our printed circuits and solders are lead-free.



Normative that guarantees the accessibility to lifts for persons including persons with disability.



Safety rules for the manufacturing and installation of electric lifts, ensuring this way best security and accessibility to the installation.



Safety normative that guarantees the proper functioning of the lift during fire-fighting.



Safety rules for the manufacturing and installation of hydraulic lifts, ensuring this way best security and accessibility to the installation.

Service an added value:

Our highly qualified staff, as well as the suitability of our premises, are essential to give the good service our customers deserve. Customer's service and technical advice are the points that make the difference.



Electrónica de elevadores S.L.

High standard electronic

Edel, flexible solutions for lift

Edel, flexible solutions for lift

We have specialized in manufacturing controllers, preassembled wiring and lift components, that's why we are able to propose solutions to the different kinds of needs.

Safety

We work with the best brands that comply with all the national and international regulations regarding electrical safety and controller protection.

Simplicity

Our products have been designed for the different types of lift installations and they have been conceived for an easy assembly and maintenance.

Good image and design

We think a good image is important and necessary, that's why we pay attention to every detail of our products.



General conditions of sale

VALIDITY:

- These prices come into effect from the 1st of February 2009.
- All prices and specifications are subject to change without prior warning.
- All prices are in Euros and do not include VAT.

TRANSPORT:

- At the purchaser 's expense.
- National: OCHOA, LODIS & TRANSPORTES RGT.
- International: DHL, TNT, TRANSALCO & ADUANAS PUJOL RUBIO.

PACKING:

- Standard packing included in our prices.

RECEIPT OF GOODS:

- Please check the condition of goods upon receipt. Any anomaly or damage must be claimed from the transport company.

WARRANTY ON OUR PRODUCTS:

- All our products have a 2 year warranty from the date of invoice. This warranty covers any manufacturing fault or material flaw.
- This warranty does not cover the improper use, or any mistake in operating our products by any unauthorized person.

Information

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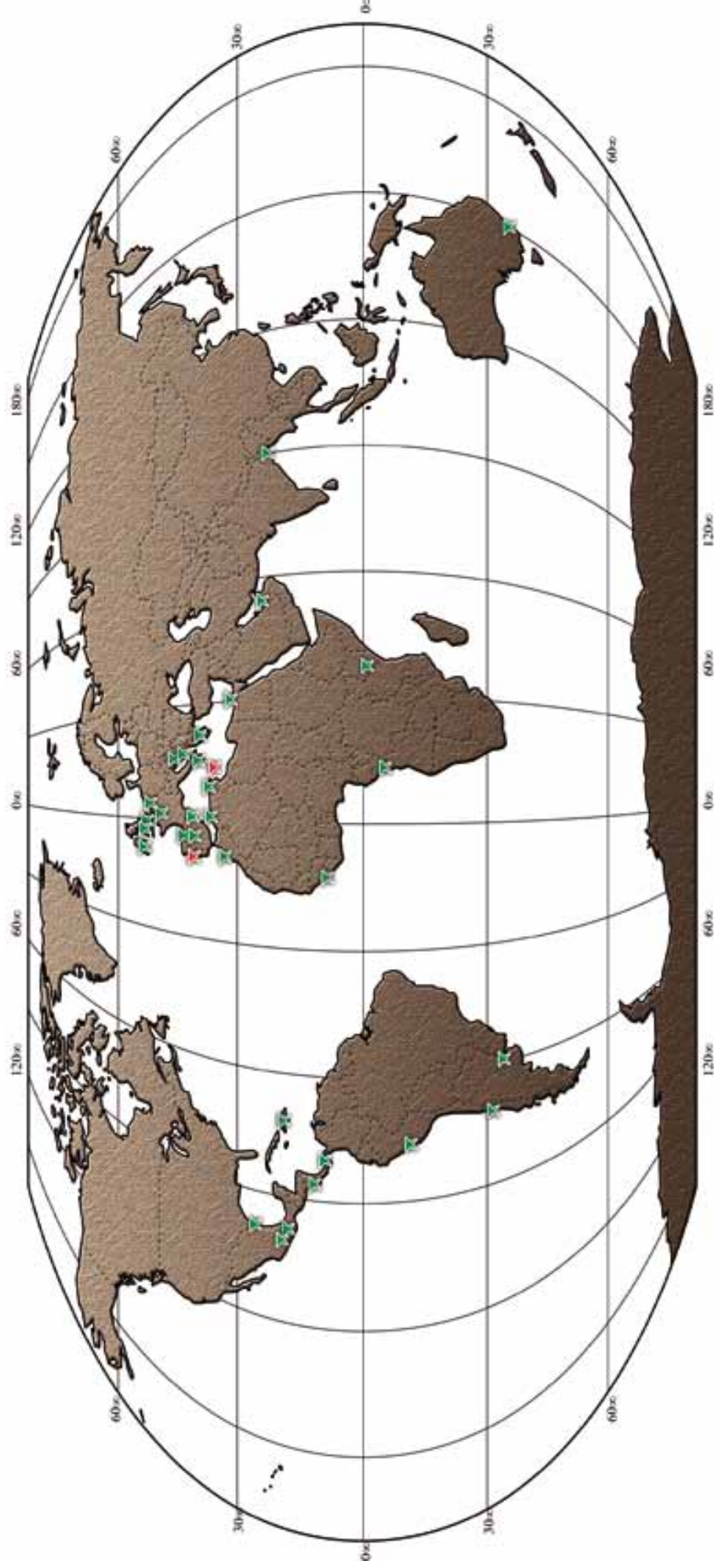
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Distributors and Customers

Exclusive distributor.
Clients.

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- 3VF controllers MRL with rescue unit.
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K2 Series Controllers

Our K2 series controllers cover the market demands with a very wide range of lifts installations. Most parameters, such as simplex or duplex operation, full/down collective, etc. Could be easily programmed using the programming console already incorporated in the main board. By adapting EDEL-64275 multifunction module to our electric and hydraulic controllers, they can be configured for more complex lift installations.



If you wish to adapt a different brand binary display, add a display filter 54279.

If you wish to connect next departure arrows, add one additional EDEL-64275 card, as well as one EDEL-54273 card.

For duplex operation, connect two controllers by using EDEL-54272 communication wire (for both symmetrical and asymmetrical lifts).

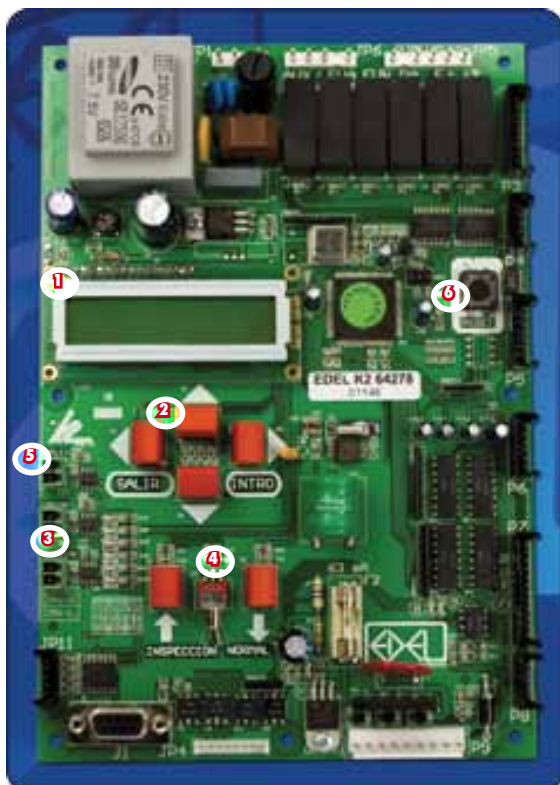
GENERAL FEATURES:

- Outputs for indication: open doors, up, down, in operation at 24VDC, 110 Vac and 210 VDC.
- Outputs for brake and cam at 65 VDC, 110 VDC, 120VDC and 210VDC.
- Outputs for luminous push-buttons at 24VDC, 80mA max.
- Outputs for full load and excess weight indication at 24VDC.
- Safety series and contactors at 110 Vac.
- Electrical and mechanical block to avoid the simultaneous entrance of going up and going down contactors.
- Output for single-phase automatic doors at 230Vac.
- Outputs for positional indicator or binary display.
- Auxiliary temporized output for applications such as motor cooling fan. Relay contact maximum intensity: 8A, 250Vac.
- Inputs to connect: reopening photocell, car door closing, excess weight, full load, motor thermic, car stop, landing and car firemen access key.
- Up to 24 levels in standard, 29 with can bus, by adding modules 64275.

	ELECTRIC	HYDRAULIC
LEVELS	24 STANDARD / 29 CAN BUS	24 STANDARD / 29 CAN BUS
REGULATIONS	EN-81-1-2 Regulations: EN 81-28 / EN 81-70 / EN 81-72 / EN 81-80	
VOLTAGE	230v/400v	230v /400v
MOTOR	CONSULT	CONSULT
FAILURE INDICATOR	YES, ON CARD WITH LCD SCREEN	
RESET	YES	
CONNECTION	SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLIX	
TRANSFORMER OUTPUTS	MULTITENSION 50, 65, 100, 120 AND 210v	
SERIES	110vac.	
ACCESS CODE	OPTIONAL	

edel K2

K2 Series Controllers



- 1 Display indicator LCD.
- 2 Programming console.
- 3 Can-Bus connection terminals.
- 4 Inspection push buttons.
- 5 Duplex communication.
- 6 Reset push button.

MAIN BOARD K2 SERIES:

TECHNICAL CHARACTERISTICS:

- Main board up to 29 levels.
- Possibility of connection in simplex, duplex, triplex or quadruplex.
- Traditional connection wire to wire, Can Bus or mixed.
- Visualization of faults by LCD display informing about date, time, departure floor, arrival floor, direction, speed, and number of travels in same fault.
- Automatic traffic.
- Lifts resends.
- Historical of failures (last 100).
- Option of short or very short floors.
- Through access
- Reopening signal as closed or open contact.
- Auxiliary relay for fan or car light.
- Gong signal
- Language selection
- 100% compatible with 54 series controllers.

I/O EDEL K2 CARD:

TECHNICAL CHARACTERISTICS:

- Card for the connection and monitoring of the main input/output signals to controller.
- Indicator leds in the board methacrylate allows knowing the status of the signals in every moment which is very helpful at the time of detecting failures or wrong connections.
- Control of the door operator and cam signals using relays.
- Allows connecting the card EDEL-Ins during the assembly, for the functioning of the lift in this mode without need of linking neither any series nor any other signal.



CAR CAN BUS CARD:

TECHNICAL CHARACTERISTICS:

- Car Can Bus communication card.
- Card includes speech synthesizer adjustable through a potentiometer.
- Allows with 20 wires getting to 29 levels.



K2 Series Controllers

Standard and mixed configurations:

Standard: Parallel connection.

Mixed: Serial connection.

Configuration n°	Stops	Collective	Binary Display	Positional Display	Next Dep. arrows	64275	Type
1	8	Down	No	Yes	Yes	1	Standard
2	6	Full	No	Yes	Yes	1	Standard
3	6	Down	Yes	Yes	Yes	1	Standard
4	5	Full	Yes	Yes	Yes	1	Standard
5	11	Full	No	Yes	Yes	2	Standard
6	14	Down	Yes	Yes	Yes	2	Standard
7	10	Full	Yes	Yes	Yes	2	Standard
8	16	Full	No	Yes	Yes	3	Standard
9	16	Down	Yes	Yes	Yes	3	Standard
10	15	Full	Yes	Yes	Yes	3	Standard
11	24	Down	Yes	No	No	3	Standard
12	20	Full	Yes	No	No	4	Standard
13	16	Down	No	Yes	Yes	2	Mixed
14	12	Down	Yes	Yes	Yes	2	Mixed
15	9	Full	No	Yes	Yes	2	Mixed
16	7	Full	Yes	Yes	Yes	2	Mixed
17	27	Down	Yes	Yes	Yes	4	Mixed
18	14	Full	Yes	Yes	Yes	3	Mixed
19	22	Full	Yes	No	No	5	Mixed
20	29	Full	Yes	No	No	6	Mixed

Configurations for through access:

Configuration n°	Stops	Collective	Binary Display	Positional Display	Next Dep. arrows	64275	Type
6	7	Down	Yes	Yes	Yes	2	Standard
11	12	Down	Yes	No	No	4	Standard
14	6	Down	Yes	Yes	Yes	2	Mixed

Configuration for duplex installations with asymmetry to parking:

Configuration n°	Stops	Collective	Binary Display	Positional Display	Next Dep. arrows	64275	Type
11	16	Down	Yes	No	No	4	Standard
17	14	Down	Yes	Yes	Yes	4	Mixed

Remarks:

-K2 controllers already includes a call card 64275.

-Depending of the configuration, stops number and type of controller, may need extra call cards.

-For positional display add a call card 64275.

-In mixed configurations there is always the possibility of setting a binary display in car, then for these configurations, the option binary display in the table is refer to landings.

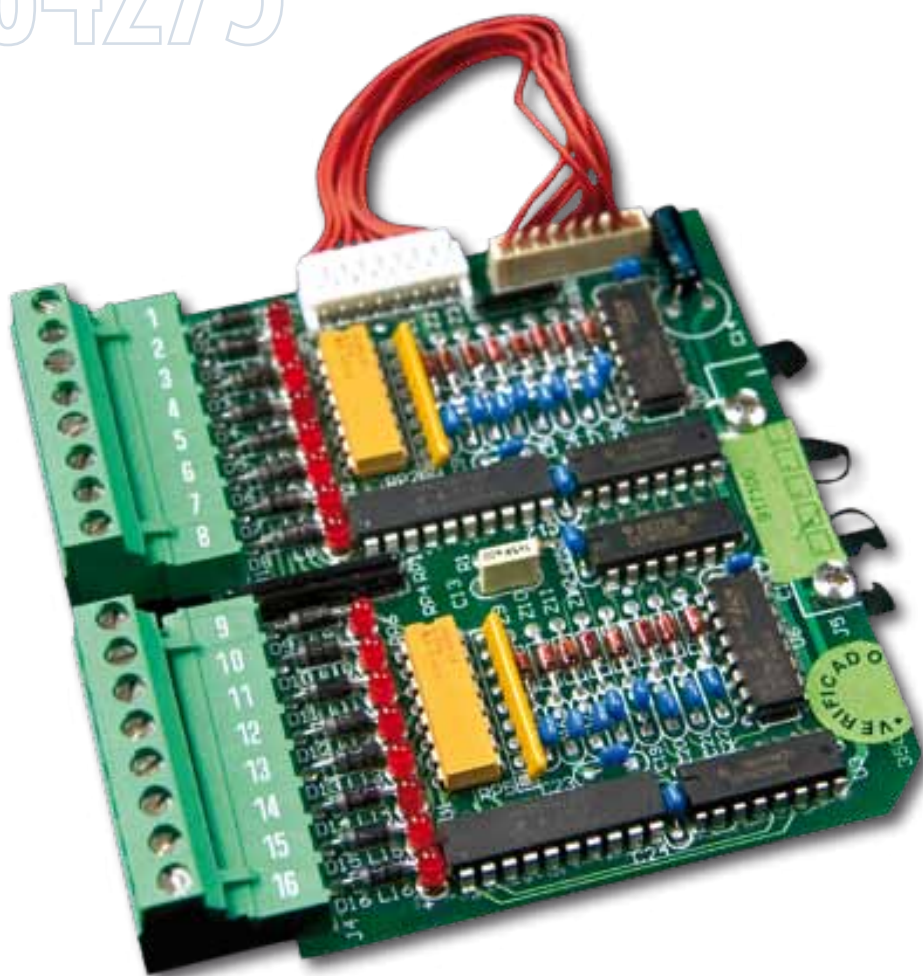
-For selective through access select configurations 6,11 and 14.

-For asymmetry to parking select configurations 11 and 17.

K2 Series Controllers

Call card

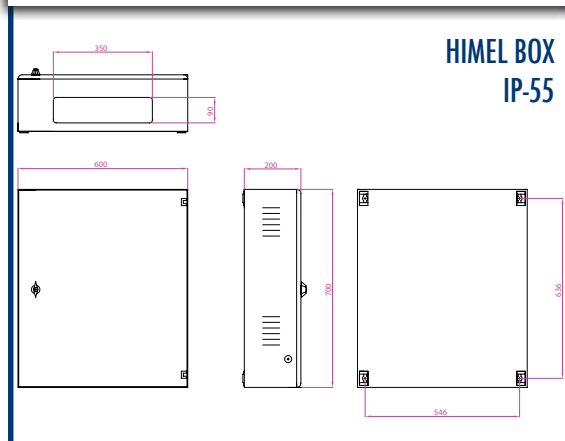
64275



- Module for input/output signals connections.
- Tension 24VDC.
- Functionalities: increasing number of levels, output for binary display and decimal positional indicator in function of controller's configuration levels.

K2 Series Controllers

Single and 2 speeds electric controllers



HIMEL BOX
IP-55

GENERAL FEATURES

LEVELS	24 STANDARD / 29 AN BUS
REGULATIONS	EN 81-1
VOLTAGE	230v / 400v
MOTOR	5,5CV - 230v / 10CV - 400v
FAILURE INDICATOR	YES, ON CARD WITH LCD SCREEN
RESET	YES
CONNECTION	SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLIX -USING K2 COMMUNICATION WIRE-
TRANSFORMER OUTPUTS	MULTITENSION 50, 60, 110, 120 AND 210v
SERIES	110vac.
ACCESS CODE	OPTIONAL

TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, Quadruplex.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of n° of stops, distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/ outputs signals.
- Power supply 220Vac/380Vac.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- Cabinet brand HIMEL IP-55 dimensions 700x600x200.

DESCRIPTIONS AND CODES

SINGLE SPEED

DESCRIPTION	CODES
EDEL 5621B SINGLE SPEED 25 A.	24K2000010
EDEL 562137 SINGLE SPEED 38 A.	24K2000020
EDEL 562145 SINGLE SPEED 50 A.	24K2000025

2 SPEEDS

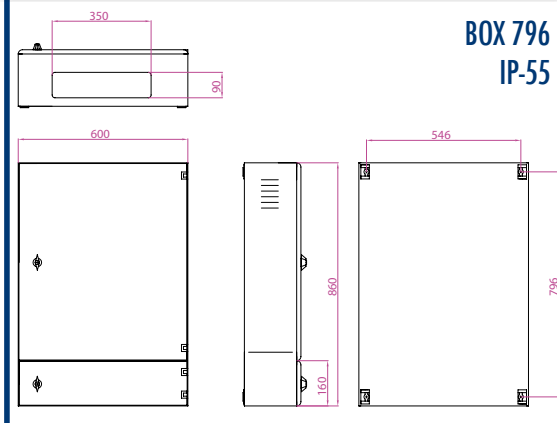
DESCRIPTION	CODES
EDEL 5622B 2 SPEEDS 25 A.	24K2000030
EDEL 562237 2 SPEEDS 38 A.	24K2000040
EDEL 562245 2 SPEEDS 50 A.	24K2000046

ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD.	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLIX COMMUNICATION WIRE	24K2000003

K2 Series Controllers

Hydraulic controllers MRL



BOX 796
IP-55

GENERAL FEATURES

LEVELS	24 STANDARD / 29 CAN BUS
REGULATIONS	EN 81-2
VOLTAGE	230v / 400v
MOTOR	10CV - 230v / 15CV - 400v
FAILURE INDICATOR	YES, ON CARD WITH LCD SCREEN
RESET	YES
CONNECTION	SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLIX -USING K2 COMMUNICATION WIRE-
TRANSFORMER OUTPUTS	MULTITENSION 50, 60, 110, 120 AND 210v
SERIES	110vac.
ACCESS CODE	OPTIONAL

TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, Quadruplex.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of n° of stops distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/outputs signals.
- Power supply 220Vac/380Vac.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Separate access to MCBs and RCDs.
- Led indicator on door cabinet for car out of floor.
- Rescue for power failure.
- Open/Closed door relevelling
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- Cabinet brand HIMEL IP-55 dimensions 860x600x200.

DESCRIPTIONS AND CODES

HYDRAULIC MRL

DESCRIPTION	CODES
EDEL 54232MRL HYDRAULIC 38 A. D/S	24K2000052
EDEL 56233MRL HYDRAULIC 50 A. D/S	24K2000053
EDEL 56234MRL HYDRAULIC 38 A. S/D	24K2000055
EDEL 56235MRL HYDRAULIC 50 A. S/D	24K2000056

ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLIX COMMUNICATION WIRE	24K2000003



K2 Series Controllers

Hydraulic controllers

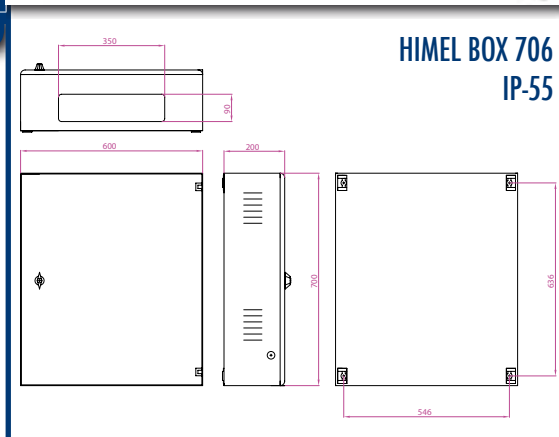
GENERAL FEATURES

24 STANDARD / 29 CAN BUS	LEVELS
EN 81-2	REGULATIONS
230v / 400v	VOLTAGE
10CV - 230v / 15CV - 400v	MOTOR
YES, ON CARD WITH LCD SCREEN	FAILURE INDICATOR
YES	RESET
SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLX -USING K2 COMMUNICATION WIRE-	CONNECTION
MULTITENSION 50, 65, 110, 120 AND 210v	TRANSFORMER OUTPUTS
110vac.	SERIES
OPTIONAL	ACCESS CODE



TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, Quadruplex.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of n° of stops distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/outputs signals.
- Power supply 220Vac/380Vac.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Led indicator on door cabinet for car out of floor.
- Rescue for power failure.
- Open/Closed door relevelling
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- Cabinet brand HIMEL IP-55 dimensions 700x600x200.



DIRECT START HYDRAULIC CONTROLLERS

DESCRIPTION	CODES
EDEL 56232 38 A.	24K2000050
EDEL 56233 50 A.	24K2000051

STAR-DELTA HYDRAULIC CONTROLLERS

DESCRIPTION	CODES
EDEL 56234 38 A.	24K2000060
EDEL 56235 50 A.	24K2000065
EDEL 56236 65 A.	24K2000070
EDEL 56237 80 A.	24K2000075

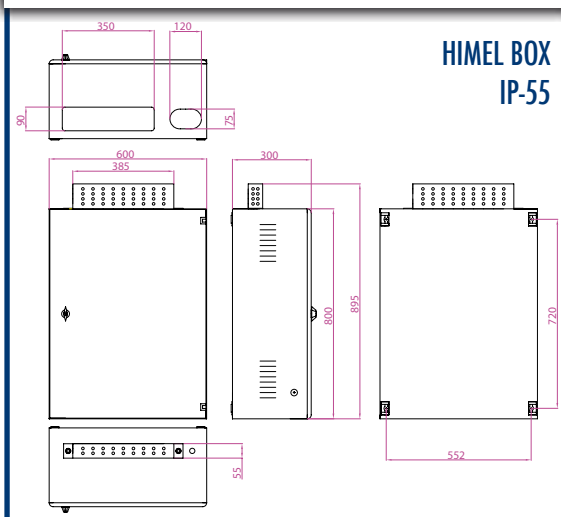
ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLX COMMUNICATION WIRE	24K2000003

DESCRIPTIONS AND CODES

K2 Series Controllers

3VF controllers with rescue unit



GENERAL FEATURES

LEVELS	24 STANDARD / 29 CAN BUS
REGULATIONS	EN 81-1
VOLTAGE	230v / 400v (ACCORDING TO POWER SUPPLY)
MOTOR	5,5CV-230v/10CV-400v
FAILURE INDICATOR	YES, ON CARD WITH LCD SCREEN
RESET	YES
CONNECTION	SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLIX -USING K2 COMMUNICATION WIRE-
TRANSFORMER OUTPUTS	MULTITENSION 50, 60, 110, 120 AND 210v
SERIES	110vac.
ACCESS CODE	OPTIONAL

TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, QuadruPLEX.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of nº of stops, distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/outputs signals.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- 3VF Controller includes: inverter, Filter, chokes and brake resistance.
- Fuji inverter 220V.
- Inverter is delivered programmed according to the characteristics of the installation.
- For installations where is needed an encoder we provide a Fuji OPC-G11S-PG card and a compatible encoder. (Optional)
- Automatic rescue with UPS + Batteries (Nickel/Cadmium) in case of power failure.
- Cabinet brand HIMEL IP-55 dimensions 800x600x300.

CONTROLLERS WITH 220 V. INVERTERS AND 220 BATTERIES

DESCRIPTION	CODES
EDEL-563VF5,5 220v. 17 A.	25K2008100
EDEL-563VF7,5 220v. 25 A.	25K2008110
EDEL-563VF10 220v. 33 A.	25K2008120
EDEL-563VF15 220v. 46 A.	25K2008130

CONTROLLERS WITH 380 V. INVERTERS AND 380 BATTERIES

DESCRIPTION	CODES
EDEL-563VF5,5 380v. 11 A. 4 KW.	25K2009100
EDEL-563VF7,5 380v. 18,5 A. 5,5 KW.	25K2009110
EDEL-563VF10 380v. 24,5 A. 7,5 KW.	25K2009120
EDEL-563VF15 380v. 32 A. 11 KW.	25K2009130
EDEL-563VF20 380v. 39 A. 15 KW.	25K2009140

ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLIX COMMUNICATION WIRE	24K2000003
ENCODER CIRCUIT FUJI OPC-G11S-PG	2501010220
ENCODER CIRCUIT FUJI OPC-LM1-PG	2501010225
ENCODER 58S-8X20-AB-N-F5-A-PP-1024	2501010246
ENCODER COUPLING ZG35X 16-8-8	2501010247

K2 Series Controllers

3VF controllers

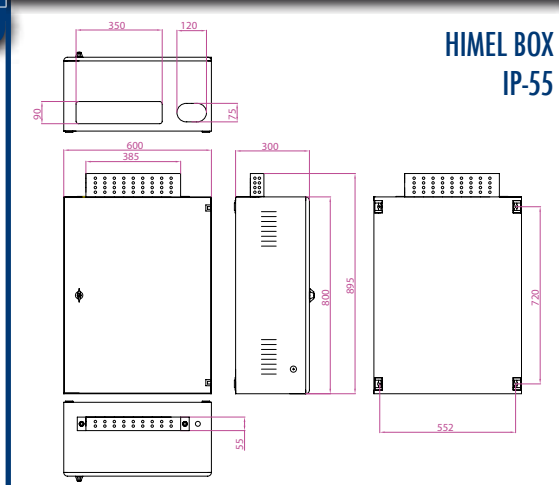
GENERAL FEATURES

24 STANDARD / 29 CAN BUS	LEVELS
EN 81-1	REGULATIONS
230v / 400v (ACCORDING TO POWER SUPPLY)	VOLTAGE
5,5CV-230v/10 CV-400v	MOTOR
YES, ON CARD WITH LCD SCREEN	FAILURE INDICATOR
YES	RESET
SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLX -USING K2 COMMUNICATION WIRE-	CONNECTION
MULTITENSION 50, 60, 110, 120 AND 210v	TRANSFORMER OUTPUTS
110vac.	SERIES
OPTIONAL	ACCESS CODE



TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, Quadruplex.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of nº of stops, distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/outputs signals.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- 3VF Controller includes: inverter, Filter, chokes and brake resistance.
- Fuji inverter 380V.
- Inverter is delivered programmed according to the characteristics of the installation.
- For installations where is needed an encoder we provide a Fuji OPC-G11S-PG card and a compatible encoder. (Optional)
- Cabinet brand HIMEL IP-55 dimensions 800x600x300.



HIMEL BOX
IP-55

INVERTERS 220v.

DESCRIPTION	CODES
EDEL-563VF5,5 220v. 17 A.	25K2010100
EDEL-563VF7,5 220v. 25 A.	25K2010110
EDEL-563VF10 220v. 33 A.	25K2010120
EDEL-563VF15 220v. 46 A.	25K2010130

INVERTERS 380v.

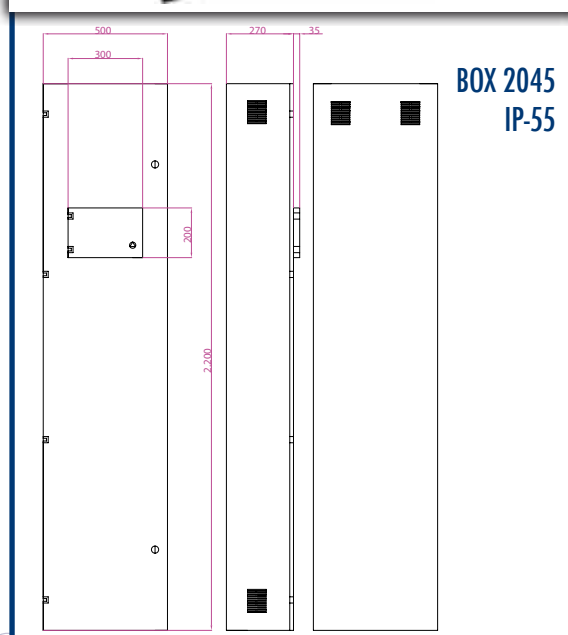
DESCRIPTION	CODES
EDEL-563VF5,5 380v. 11 A. 4 KW.	25K2010140
EDEL-563VF7,5 380v. 18,5 A. 5,5 KW.	25K2010150
EDEL-563VF10 380v. 24,5 A. 7,5 KW.	25K2010160
EDEL-563VF15 380v. 32 A. 11 KW.	25K2010170
EDEL-563VF5,5 380v. 39 A. 15 KW.	25K2010180
EDEL-563VF7,5 380v. 45 A. 18 KW.	25K2010190
EDEL-563VF10 380v. 60 A. 22 KW.	25K2010200

ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLX COMMUNICATION WIRE	24K2000003
ENCODER CIRCUIT FUJI OPC-G11S-PG	2501010220
ENCODER CIRCUIT FUJI OPC-LM1-PG	2501010225
ENCODER 58S-8X20-AB-N-F5-A-PP-1024	2501010246
ENCODER COUPLING ZG35X 16-8-8	2501010247

K2 Series Controllers

3VF controllers MRL with rescue unit Gearless



GENERAL FEATURES

LEVELS	24 STANDARD / 29 CAN BUS
REGULATIONS	EN 81-1
VOLTAGE	230v / 400v (ACCORDING TO POWER SUPPLY)
MOTOR	5,5CV - 230v / 10CV - 400v
FAILURE INDICATOR	YES, ON CARD WITH LCD SCREEN
RESET	YES
CONNECTION	SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLIX -USING K2 COMMUNICATION WIRE-
TRANSFORMER OUTPUTS	MULTITENSION 50, 65, 110, 120 Y 210v
SERIES	110vac.
ACCESS CODE	OPTIONAL

TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, Quadruplex.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of n° of stops, distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/outputs signals.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- 3VF Controller includes: inverter, Filter, chokes, brake resistance.
- Frenic-Lift Fuji inverter 380V, prepare for encoder connection.
- Inverter is delivered programmed according to the characteristics of the installation.
- Automatic rescue with UPS.
- Compliance with electromagnetic compatibility regulations.
- Machine Room Less cabinet -Himel IP-55 2200x500x270.

ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLIX COMMUNICATION WIRE	24K2000003
ENCODER CIRCUIT FUJI OPC-G11S-PG	2501010220
ENCODER CIRCUIT FUJI OPC-LM1-PG	2501010225
ENCODER 58S-8X20-AB-N-F5-A-PP-1024	2501010246
ENCODER COUPLING ZG35X 16-8-8	2501010247

3VF GEARLESS SCM

DESCRIPTION	CODES
EDEL K2 SCM-3VF GEARLESS 11 A. 4 KW.	25K2009350
EDEL K2 SCM-3VF GEARLESS 18,5 A. 5,5 KW.	25K2009360
EDEL K2 SCM-3VF GEARLESS 24,5 A. 7,5 KW.	25K2009370
EDEL K2 SCM-3VF15 GEARLESS 24 A. 11 KW.	25K2009380
EDEL K2 SCM-3VF20 GEARLESS 30 A. 15 KW.	25K2009390
EDEL K2 SCM-3VF25 GEARLESS 39 A. 18,5 KW.	25K2009400
EDEL K2 SCM-3VF30 GEARLESS 45 A. 22 KW.	25K2009410

K2 Series Controllers

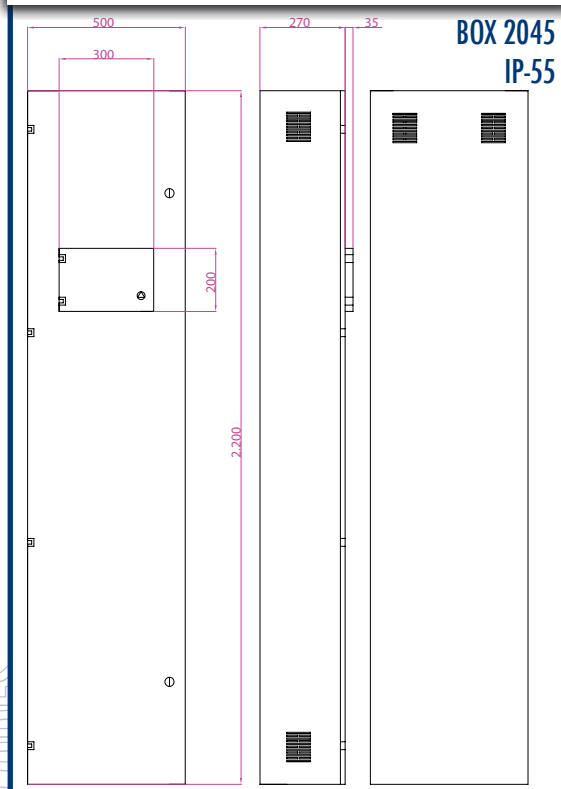
3VF controller MRL with rescue unit

GENERAL FEATURES

24 STANDARD / 29 CAN BUS	LEVELS
EN 81-1	REGULATIONS
230v / 400v (ACCORDING TO POWER SUPPLY)	VOLTAGE
5,5CV - 230v / 10CV - 400v	MOTOR
YES, ON CARD WITH LCD SCREEN	FAILURE INDICATOR
YES	RESET
SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLX -USING K2 COMMUNICATION WIRE-	CONNECTION
MULTITENSION 50, 65, 110, 120 Y 210v	TRANSFORMER OUTPUTS
110vac.	SERIES
OPTIONAL	ACCESS CODE

TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, Quadruplex.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of n° of stops, distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/outputs signals.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- 3VF Controller includes: inverter, Filter, chokes and brake resistance.
- Fuji inverter 380V.
- Inverter is delivered programmed according to the characteristics of the installation.
- For installations where is needed an encoder we provide a Fuji OPC-G11S-PG card and a compatible encoder. (Optional)
- Automatic rescue with UPS + Batteries (Nickel/Cadmium) in case of power failure.
- Safety key for access to controller and key for access to rescue unit.
- Cabinet brand HIMEL IP-55 dimensions 2200x500x270.



3VF BAT-380V SCM

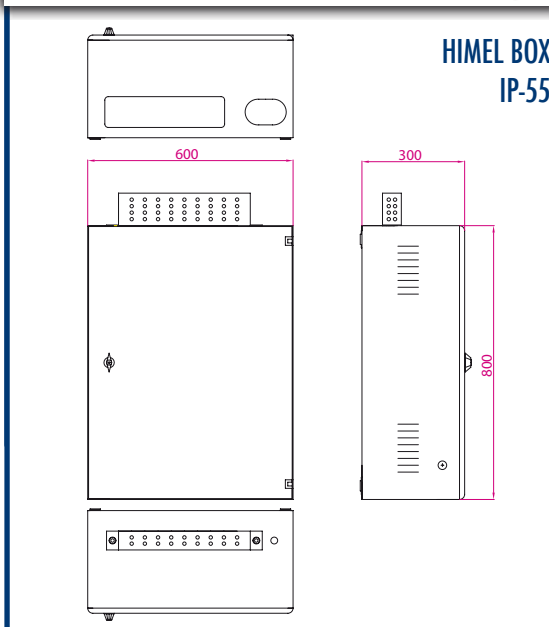
DESCRIPTION	CODES
EDEL K2 SCM-3VF7,5 (BAT. 380v.) 11 A. 4 KW.	25K2009250
EDEL K2 SCM3VF10 (BAT. 380v.) 18,5 A. 5,5 KW.	25K2009260
EDEL K2 SCM-3VF15 (BAT. 380v.) 24,5 A. 7,5 KW.	25K2009270

ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLX COMMUNICATION WIRE	24K2000003
ENCODER CIRCUIT FUJI OPC-G11S-PG	2501010220
ENCODER CIRCUIT FUJI OPC-LM1-PG	2501010225
ENCODER 58S-8X20-AB-N-F5-A-PP-1024	2501010246
ENCODER COUPLING ZG35X 16-8-8	2501010247

K2 Series Controllers

3VF controller Gearless with machine room



GENERAL FEATURES

LEVELS	24 STANDARD / 29 CAN BUS
REGULATIONS	EN 81-1
VOLTAGE	230v / 400v (ACCORDING TO POWER SUPPLY)
MOTOR	5,5CV - 230v / 10CV - 400v
FAILURE INDICATOR	YES, ON CARD WITH LCD SCREEN
RESET	YES
CONNECTION	SIMPLEX / DUPLEX / TRIPLEX / QUADRUPLIX -USING K2 COMMUNICATION WIRE-
TRANSFORMER OUTPUTS	MULTITENSION 50, 60, 110, 120 Y 210v
SERIES	110vac.
ACCESS CODE	OPTIONAL

TECHNICAL CHARACTERISTICS:

- Meets with the Europe Norm EN-81.1.
- Possibility of work as Simplex, Duplex, Triplex, Quadruplex.
- Programming Console integrated on the main board.
- Facility in the adjustment of multiple parameters using console: times, configurations, functions, etc.
- Information of failures indicating: failure code, failure description, date, time, speed of the car, destination, rearming type.
- Historical of failures (last 100 failures).
- Automatic detection and memorization of n° of stops, distance between stops and total travel time.
- Blockades of controller by excessive travel time.
- An only controller for all the kind of elevators.
- Possibility of work with traditional installation or Can Bus at client election.
- Fast interpretation of lift status using leds in the principal inputs/ outputs signals.
- Transformer with multitension terminals for brake, cam and luminous indicators. Outputs: 45, 60, 100, 120 and 190 V.
- Output for binary positional indicator (Rotary or LCD display).
- Single-Phase and 3VF automatic door outputs.
- Inputs for photocell, maximum load, excess weight, door close push button and firefighter key signals.
- 3VF Controller includes: inverter, Filter, chokes and brake resistance.
- Frenic-Lift Fuji inverter 380V.
- Inverter is delivered programmed according to the characteristics of the installation.
- Compliance with electromagnetic compatibility regulations.
- Cabinet Himel IP-55.

DESCRIPTIONS AND CODES

3VF GEARLESS

DESCRIPTION	CODES
EDEL K2 MR 3VF GEARLESS 11A. 4KW.	1301008160
EDEL K2 MR 3VF GEARLESS 18,5A. 5,5KW.	1301008165
EDEL K2 MR 3VF GEARLESS 24,5A. 7,5KW.	1301008170
EDEL K2 MR 3VF GEARLESS 32A. 11KW.	1301008175

ACCESSORIES AND CARDS

DESCRIPTION	CODES
EDEL 64275 CALL CARD	3461001100
EDEL K2 DUPLEX COMMUNICATION WIRE	24K2000001
EDEL K2 TRIPLEX COMMUNICATION WIRE	24K2000002
EDEL K2 QUADRUPLIX COMMUNICATION WIRE	24K2000003
ENCODER CIRCUIT FUJI OPC-G11S-PG	2501010220
ENCODER CIRCUIT FUJI OPC-LM1-PG	2501010225
ENCODER 58S-8X20-AB-N-F5-A-PP-1024	2501010246
ENCODER COUPLING ZG35X 16-8-8	2501010247

CONTROLLERS K3 SERIES

- K3 series and technical characteristics.
- Cabinet measures.
- K3 references.

Pg: 29
Pg: 30
Pg: 31

K3 SERIES Goods/home - Lifts-Dumb - Waiter-platforms

K3 controllers have been specially design for goods/home lifts, platforms for persons with disability, dumb waiter, etc. For these applications, calls in controller could be configure as enclaved, constant or mixed.

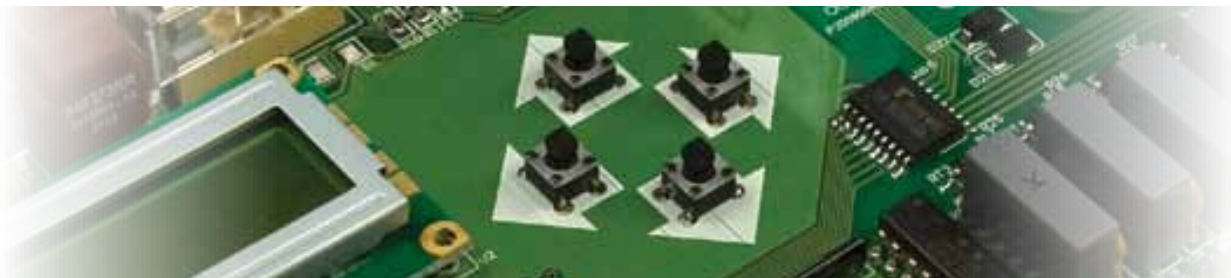
Its compact design allows a considerable reduction in the size of the cabinet, measures 400X400X200 mm.

Main board EDEL 74278 has been designed to control any lifts, hydraulic or electric, single or 2 speeds, minimizing the required spares.



CONTROLLERS
2 GOODS LIFT

Easy installation and maintenance, indication through leds the activation of the inputs/outputs signals to controller, besides of the series status. Main board have available a LCD screen and push buttons to configure controller, also it is possible to check the information of failures indicating: failure code, date, description, sense of the car, etc.



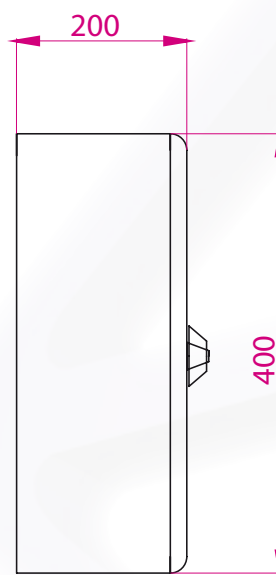
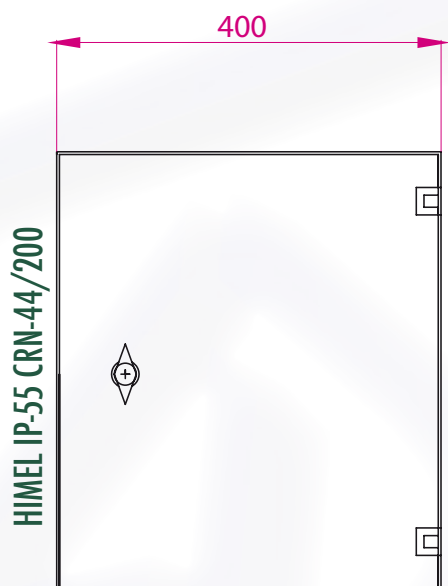
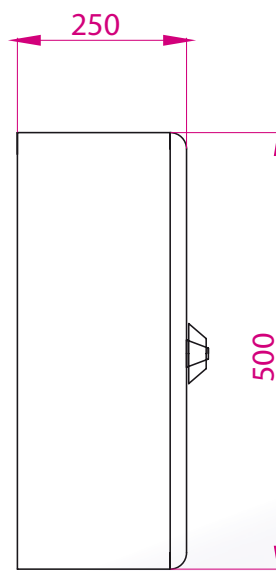
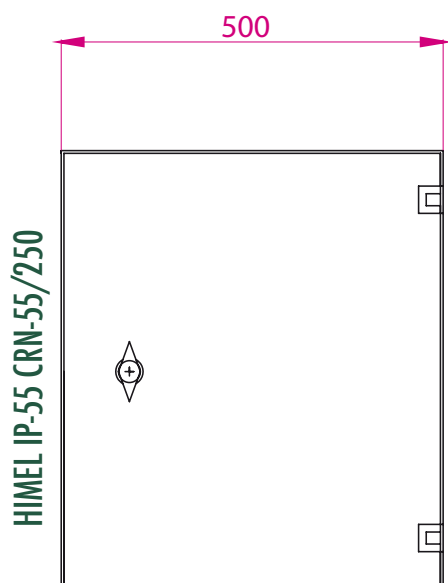
TECHNICAL CHARACTERISTICS:

- Power supply 230 or 400 Vac
- Types of lifts:
 - Electric single speed
 - Electric 2 speeds
 - Hydraulic direct start (single and 2 speeds)
 - Hydraulic star-delta start (single and 2 speeds)
- Same main board for all the types of lifts.
- Universal controller.
- Simplex.
- Programming console with LCD screen integrated in the main board.
- Language of the menu in English or Spanish.
- Historical of failures (last 20 failures).
- Up to 8 stops (4 if constant or mixed pulsation is activated).
- Outputs for luminous indicator: in operation lamp and direction arrows.
- Temporized output for car light.
- Outputs for display by adding a module 64275.
- For hydraulic lifts, open door relevelling.
- For hydraulic lifts, led in controller for car at floor level indication.
- For hydraulic lifts, emergency rescue using a 12V battery.
- Single-Phase and 3VF automatic door outputs.
- Outputs for cam signal.
- Inputs for the signals: reopening, inspection, excess weight and motor thermistor.

K3 SERIES Goods/home - Lifts-Dumb - Waiter-platforms

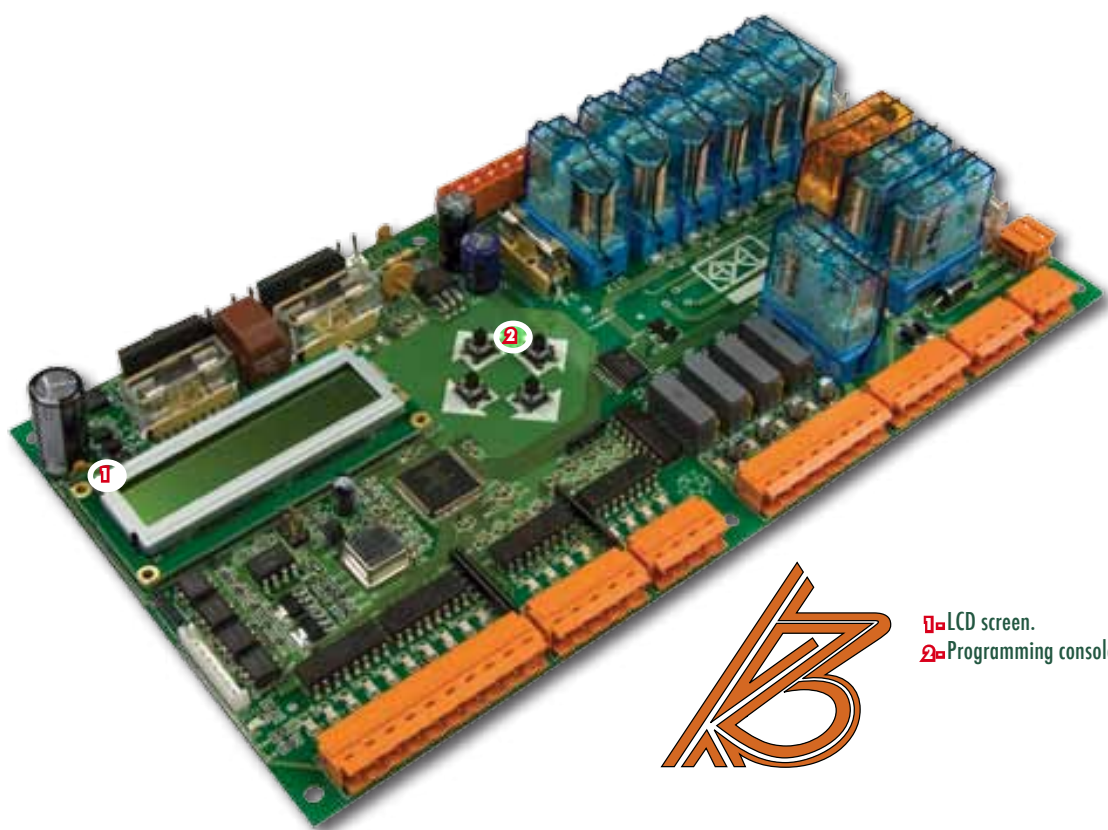
DIMENSIONS HIMEL CABINET

CONTROLLERS
2 GOODS LIFT



K3 SERIES

Goods/home - Lifts-Dumb - Waiter-platforms



CONTROLLERS
2 GOODS LIFT

1 LCD screen.
2 Programming console.

ELECTRIC SINGLE SPEED

DESCRIPTION	CODES
EDEL K3-74211 SINGLE SPEED 25A. 4/8 STOPS	1320010100
EDEL K3-74212 SINGLE SPEED 38A. 4/8 STOPS	1320010105
EDEL K3-74213 SINGLE SPEED 50A. 4/8 STOPS	1320010110

ELECTRIC 2 SPEEDS

DESCRIPTION	CODES
EDEL K3-74221 2 SPEEDS 25A. 4/8 STOPS	1321110100
EDEL K3-74222 2 SPEEDS 38A. 4/8 STOPS	1321110105
EDEL K3-74223 2 SPEEDS 50A. 4/8 STOPS	1321110110

HYDRAULIC DIRECT START

DESCRIPTION	CODES
EDEL K3-74231 HYDRAULIC D/S 25A. 4/8 STOPS	1321210100
EDEL K3-74232 HYDRAULIC D/S 38A. 4/8 STOPS	1321210105
EDEL K3-74233 HYDRAULIC D/S 50A. 4/8 STOPS	1321210110

HYDRAULIC STAR/DELTA START

DESCRIPTION	CODES
EDEL K3-74234 HYDRAULIC S/D 38A. 4/8 STOPS	1321310100
EDEL K3-74235 HYDRAULIC S/D 50A. 4/8 STOPS	1321310105
EDEL K3-74236 HYDRAULIC S/D 65A. 4/8 STOPS	1321310110
EDEL K3-74237 HYDRAULIC S/D 80A. 4/8 STOPS	1321310115
EDEL K3-74238 HYDRAULIC S/D 115A. 4/8 STOPS	1321310120

OPTIONALS K3 SERIES

DESCRIPTION	CODES
PHASE RELAY (RM 17TG 00)	1321410100
OPEN DOOR LEVELLING ZONE	1321410105
CAM	1321410110
OUTPUTS FOR POSITIONAL DISPLAY	1321410115
TIMED CAR LIGHT	1321410120

DESCRIPTIONS AND CODES

PREASSEMBLED WIRING

- EDEL preassembled wiring.
- Preassembled wiring: types and references.
- Optionals for preassembled wiring.

Pg: 35
Pg: 36-37
Pg: 38-39

s.K2 Preassembled wiring

PRE-ASSEMBLED WIRING ONLY IN CAR

Composed of:

- Inspection box with alarm and emergency light wired for all the control elements installed in car.
- Flat cable with Weidmuller brand connectors (depending on the equipment features).
- Shaft and car holders with fixing accessories.
- Car magnet positioning kit.
- Final limit and speed change stopper by bistable or electromechanical.
- Car operation panel wiring.

COMPLETE PRE-ASSEMBLED WIRING

Composed of:

- Controller (electric, hydraulic, 3VF ...), with welding studs. (Optional)
- Shaft wiring:
 - Wire kit with fast connection connectors for series and push buttons separately.
 - Box with pit stop, socket and shaft light switch.
 - Box with phone call push button.
 - Open cable for wires (closed on demand).
 - Fixing accessories for cable and iron fittings.
 - Holders for flat cable.
- Car wiring:
 - Flat cable with WAGO brand connectors (depending on the equipment features).
 - Inspection box with alarm and emergency light with wiring for every car control element.
 - Electromechanical Gervall brand final limit stoppers.
 - Speed change electromechanical stoppers.
 - Car magnet positioning kit.
 - Kit of holders for every cable and bar.
 - Fixing accessories.
- Fixtures at the customer's choice (optional):
 - 24 Vdc. push buttons with direction arrows.
 - Different types of fitting for full height/plate fixtures.
 - Emergency light.*
 - Dot matrix display* or liquid crystal display LCD.
 - Push buttons with light indicator or light and sound indicator.
 - Personalized logos.
 - Bidirectional MERAK brand intercom complying with present regulations.
 - Wiring of fixtures NO EDEL provided by the client.

*Included in the price of the preassembled wiring if customers order it with the fixtures.

PRE-ASSEMBLED
WIRING

s.K2 Preassembled wiring

Types of preassembled wiring.

-2 SPEEDS AND 3VF

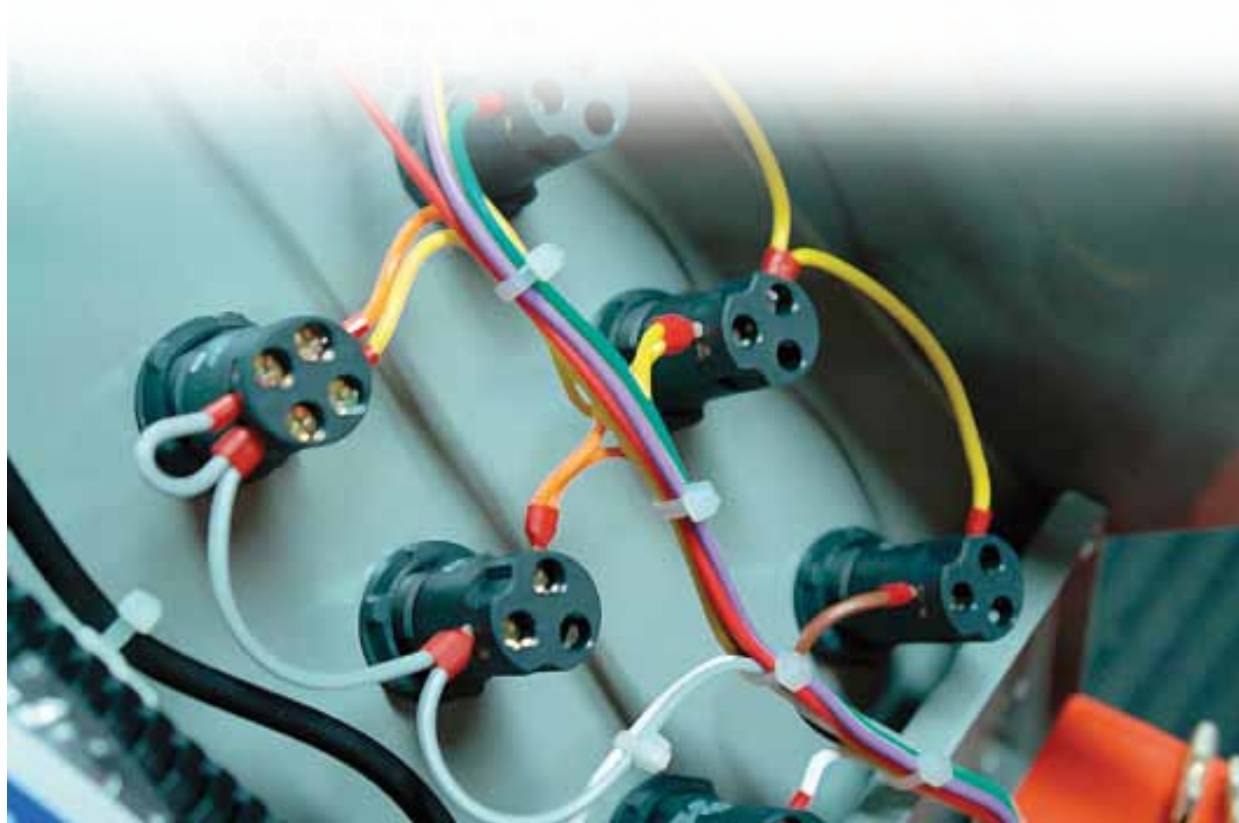
Code	1301010100	1301010105	1301010110	1301010101	1301010120	1301010125	1301010130	1301010135	1301010140	1301010145	1301010150	1301010155	1301010160	1301010165	1301010170	1301010175	1301010180	1301010185	1301010190	1301010195
N° stops	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21

-HYDRAULIC

Code	1300102240	1300102241	1300102242	1300102243	1300102244	1300102245	1300102246	1300102247	1300102248
N° stops	2	3	4	5	6	7	8	9	10

-LAMPHOLDER FITTINGS

Code	1301021100	1301021105	1301021110	1301021115	1301021120	1301021125	1301021130	1301021135	1301021140	1301021145	1301021150	1301021155	1301021160	1301021165	1301021170	1301021175	1301021180	1301021185	1301021190	1301021195
N° stops	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21



s.K2 Preassembled wiring

2 SPEEDS CONTROLLERS FOR PAW

DESCRIPTION	CODES
EDEL 5622B 2 SPEEDS 25 A. (PAW)	1301009400
EDEL 562237 2 SPEEDS 38 A. (PAW)	1301009405
EDEL 562245 2 SPEEDS 50 A. (PAW)	1301009410

HYDRAULIC CONTROLLERS FOR PAW

DESCRIPTION	CODES
EDEL K2 56232 HYDR. 38 A. D/S (PAW)	1301009600
EDEL K2 56233 HYDR. 50 A. D/S (PAW)	1301009605
EDEL K2 56234 HYDR. 38 A. S/D (PAW)	1301009610
EDEL K2 56235 HYDR. 50 A. S/D (PAW)	1301009615
EDEL K2 56236 HYDR. 65 A. S/D (PAW)	1301009620
EDEL K2 56237 HYDR. 80 A. S/D (PAW)	1301009625
EDEL K2 56238 HYDR. 115 A. S/D (PAW)	1301009630
EDEL K2 56239 HYDR. 150 A. S/D (PAW)	1301009635

EDEL K2 3VF CONTROLLER BAT. FOR PAW 220V./380V.

DESCRIPTION	CODES
EDEL K2 563VF5,5 (BAT 220V.) 17 A. (PAW)	1301008600
EDEL K2 563VF7,5 (BAT 220V.) 25 A. (PAW)	1301008605
EDEL K2 563VF10 (BAT 220V.) 33 A. (PAW)	1301008610
EDEL K2 563VF15 (BAT 220V.) 46 A. (PAW)	1301008615
EDEL K2 563VF5,5 (BAT 380V.) 9 A. (PAW)	1301008650
EDEL K2 563VF7,5 (BAT 380V.) 13 A. (PAW)	1301008655
EDEL K2 563VF10 (BAT 380V.) 18 A. (PAW)	1301008660
EDEL K2 563VF15 (BAT 380V.) 24 A. (PAW)	1301008665
EDEL K2 563VF20 (BAT 380V.) 30 A. (PAW)	1301008670

EDEL K2 3VF CONTROLLER MRL FOR PAW

DESCRIPTION	CODES
EDEL K2 3VF MRL 11 A. 4 KW (PAW)	1301008200
EDEL K2 3VF MRL 18,5 A. 5,5 KW (PAW)	1301008205
EDEL K2 3VF MRL 24,5 A. 7,5 KW (PAW)	1301008210

3VF CONTROLLERS FOR PAW 220V./380V.

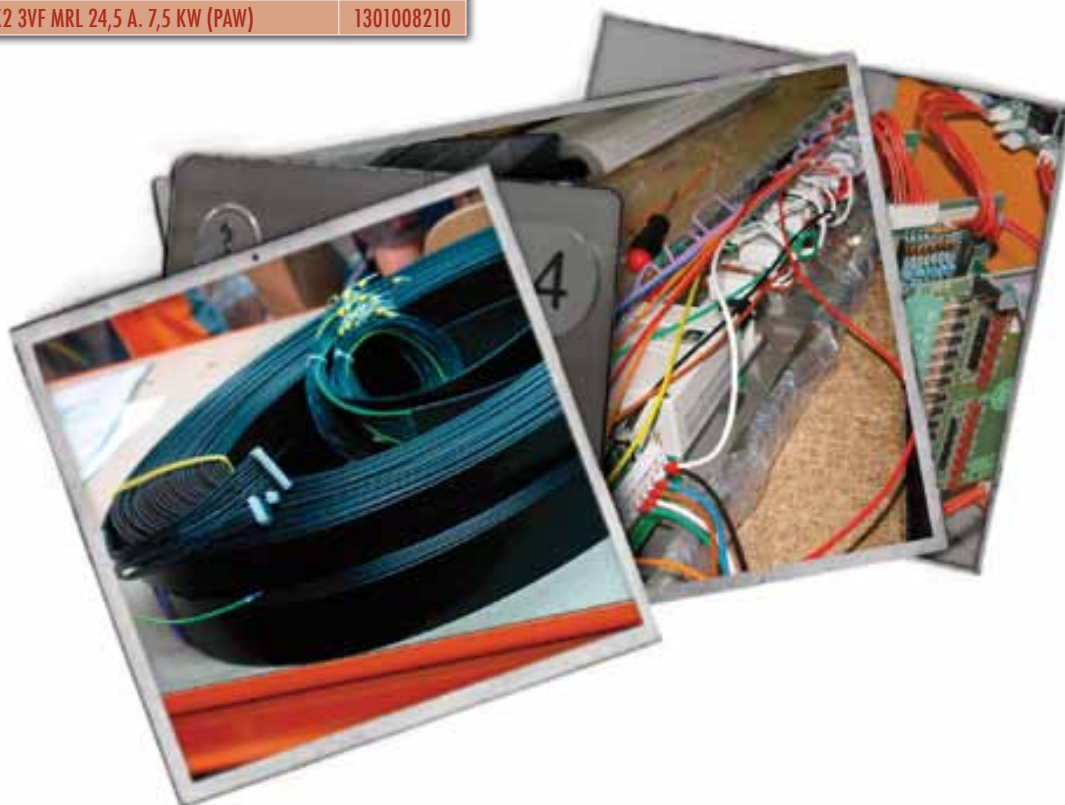
DESCRIPTION	CODES
EDEL K2 563VF5,5 220V. 17A. (PAW)	1301008400
EDEL K2 563VF7,5 220V. 25A. (PAW)	1301008405
EDEL K2 563VF10 220V. 33A. (PAW)	1301008410
EDEL K2 563VF15 220V. 46A. (PAW)	1301008415
EDEL K2 563VF20 220V. 59A. (PAW)	1301008420
EDEL K2 563VF5,5 380V. 9A. (PAW)	1301008450
EDEL K2 563VF7,5 380V. 13A. (PAW)	1301008455
EDEL K2 563VF10 380V. 18A. (PAW)	1301008460
EDEL K2 563VF10 380V. 24A. (PAW)	1301008465
EDEL K2 563VF10 380V. 30A. (PAW)	1301008470
EDEL K2 563VF10 380V. 39A. (PAW)	1301008475
EDEL K2 563VF10 380V. 45A. (PAW)	1301008480
EDEL K2 563VF10 380V. 60A. (PAW)	1301008485
EDEL K2 563VF10 380V. 70A. (PAW)	1301008490

EDEL K2 CONTROLLERS MRL GEARLESS FOR PAW

DESCRIPTION	CODES
EDEL K2 MRL 3VF GEARLESS 11 A. 4 KW (PAW)	1301008100
EDEL K2 MRL 3VF GEARLESS 18,5 A. 5,5 KW (PAW)	1301008105
EDEL K2 MRL 3VF GEARLESS 24,5 A. 7,5 KW (PAW)	1301008110
EDEL K2 MRL 3VF GEARLESS 32 A. 11 KW (PAW)	1301008115

EDEL K2 CONTROLLERS WITH MACHINE ROOM GEARLESS FOR PAW

DESCRIPTION	CODES
EDEL K2 WMR 3VF GEARLESS 11 A. 4 KW (PAW)	1301008160
EDEL K2 WMR 3VF GEARLESS 18,5 A. 5,5 KW (PAW)	1301008165
EDEL K2 WMR 3VF GEARLESS 24,5 A. 7,5 KW (PAW)	1301008170
EDEL K2 WMR 3VF GEARLESS 32 A. 11 KW (PAW)	1301008175



s.K2 Preassembled wiring

Optionals for preassembled wiring

OPTIONALS FOR PREASSEMBLED WIRING

DESCRIPTIONS	CODES
MAINS CABLE TO CONTROLLER (STANDARD 5 MTS.)	1401010125
MAINS CABLE TO CONTROLLER (PER METER)	1401010130
FIXTURES WIRING (PER STOPS)	1401010110
DIRECTION ARROWS (PER STOPS)	1401010565
LIGHT INDICATORS (PER STOPS)	1401010545
SERIES AND PUSH BUTTONS DERIVATIONS 3 MTS. (PER STOPS)	1401010570
FULL COLLECTIVE (PER STOPS)	1401010575
WIRING PLUS DISPLAY IN ONE FLOOR (BLUE ROTARY DISPLAY)	1401010505
WIRING PLUS DISPLAY IN ONE FLOOR (RED ROTARY DISPLAY)	1401010500
WIRING PLUS DISPLAY IN ONE FLOOR (LCD DISPLAY)	1401010510
WIRING PLUS RED DISPLAY (PER FLOOR)	1401010515
WIRING PLUS BLUE DISPLAY (PER FLOOR)	1401010520
EXCESS HEIGHT FLOORS WITH MORE THAN 3,5 MTS. (PER METER)	1401010115
EXCESS LENGHT TO ENGINE MORE THAN 5 MTS. (PER METRE)	1401010120
LANDING OPPOSITE SIDE WIRING DERIVATIONS	1401010135
DIFFERENCE FROM MAGNETS TO PHOTO-SWITCH KIT	1401010150
DIFFERENCE IN P.A.W. FOR LCD DISPLAY	1401010155
PULLEY ROOM WIRING (WITH CONTROL BOX)	1401010550
MH-PL CABLE (PER METRE)	1401010600
MH-SP CABLE (PER METRE)	1401010605
FLAT CABLE 24 WIRES (PER METRE)	1401010610
FLAT CABLE 16 WIRES (PER METRE)	1401010615
REDUCED HEADROOM TYPE-A (WITH FREE SPACE)	1401010300
REDUCED HEADROOM TYPE-B (WITHOUT FREE SPACE)	1401010305
REDUCED PIT TYPE-A (WITH FREE SPACE)	1401010310
REDUCED PIT TYPE-B (WITHOUT FREE SPACE)	1401010315
WIRING PLUS DISPLAY SEVERAL FLOORS (PER FLOOR)	1401010525
WIRING PLUS DING-DONG (ONLY K2 CONTROLLERS)	1401010530
WIRING TEMPORIZED COOLING FAN	1401010535
WIRING THROUGH ACCESS (PER STOP)	1401010540
WIRING DIRECTION ARROWS (PER STOP)	1401010555
WIRING 12 V. ALARM IN LANDING FIXTURE	1401010560
WIRING OVERSPEED GOVERNOR IN CAR (190 V.)	1401010580
WIRING FIREMEN MODE	1401010585
WIRING WITH ADITIONAL STOP IN CAR ROOF	1401010590
WIRING SOFT -STOP	1401010591
SUPPLEMENT DERIVATION TO LONGER THE INSPECTION BOX	1401010592
ASSEMBLY HAND CONTROL 25 MTS.	1401010620
EXCESS LENGHT FOR ASSEMBLY HAND CONTROL	1401010625
SEMAPHORE FOR MOTOR CAR LIFTS	1401011100
DISCOUNT FOR PLASTIC TRUNKING	1401010200
DISCOUNT FOR PLASTIC TRUNKING (MACHINE ROOM)	1401010202
DISCOUNT FOR FLAT CABLE	1401010205

OPTIONALS FOR CONTROLLER

DESCRIPTION	CODES
OPEN DOOR LEVELLING	1401010100
OPEN DOOR LEVELLING (PER STOP)	1401010105
LED IN CONTROLLER FOR FLOOR LEVEL INDICATION	1401010140
EXTRA TRANSFORMER IN CONTROLLER (DOUBLE CAM, BRAKE)	1401010145
FAN COOLING SINGLE PHASE	1401010210
FAN COOLING SINGLE PHASE TEMP. MAGNET AND CONTACTOR	1401010215
3-PHASIC BRAKE 220/380V.	1401010220
VALVE SYSTEM PAWL DEVICE	1401010225
ADAPTER SOFT-START CIRCUIT TO EDEL CONTROLLER	1401010230
CONTROLLER READY FOR NPN PHOTOCELL WITH NC OUTPUT	1401010235
220 V. MAINS SUPPLY FOR CAR TEMPORIZED COOLING FAN	1401010240
24 V. NPN AMPLIFIER FOR TELCO PHOTOCELL	1401010245
TEST SYSTEM FOR CHOCKS ACTUATION IN P.A.W. (1 PUSH BUTTON)	1401010270

OPTIONS FOR DOOR OPERATOR

DESCRIPTION	CODES
3-PHASIC OPERATOR MODIFICATION IN CONTROLLER	1401010400
3-PHASIC OPERATOR MODIFICATION IN THE SHAFT INSTALLATION	1401010405
3-PHASIC THROUGH ACCESS (CONTROLLER)	1401010410
3-PHASIC THROUGH ACCESS (INSTALLATION)	1401010415
3VF AND SELCOM OPERATOR	1401010430
SINGLE PHASE THROUGH ACCESS (SHAFT INSTALLATION)	1401010435
3VF AND DC THROUGH ACCESS	1401010440
SELECTIVE THROUGH ACCESS SAME FLOOR (PER STOP)	1401010445
DOUBLE CAR (SPECIAL SOFTWARE)	1401010450
DOUBLE CAR INCREASE IN CONTROLLER INSTALLATION	1401010455
ADVANCE DOOR OPENING (ELECTRIC LIFT)	1401010460
ADVANCE DOOR OPENING ELECTRIC AND HYDRAULIC LIFT (PER STOP)	1401010465
ADVANCE DOOR OPENING HYDRAULIC LIFT (WITH LEVELLING)	1401010470

CONTENTS

FIXTURES

- EDEL fixtures.
- Push buttons description.
- Types of push buttons and references.
- EDEL key switch.
- Landing fixture.
- Normative EN 81-70.
- Car fixtures references.
- Car fixtures measures.
- Full height car fixtures .
- Engravings.

Pg: 43
Pg: 44
Pg: 45
Pg: 46
Pg: 47-48
Pg: 49
Pg: 50
Pg: 51
Pg: 52
Pg: 53

Edel Fixtures

Edel push buttons have been designed and developed to meet the need for a better service in terms of the Pre-Assembled Wiring delivery. Our product meets with the present regulations in manufacturing as the Normative EN 81-70 (Accessibility to lifts for persons including persons with disability).



FIXTURES

4

Made in fireproofing plastic with a thick coat that avoids any damage, offers a modern and sophisticated design, fulfilling all the points in terms of contrast, mechanism, Braille, etc.
The electronic have been designed for maximum quality and durability. Rather than installing contacts "frog", we use a micro which ensure a long lifetime.



We met the current rules regarding appearance and finishes of push buttons also on the measures established between switches, pressure to the press, minimal height of the fixtures, viewing angles, etc.



Possibility in two types of finishes: Chrome and gold, protected with a thick coat to ensure maximum quality and durability.

Ede Fixtures

Ground floor push button. Identified by a green ring that stands out 0.5 m.m. over the other push buttons in the car fixture.



Pictograph in green color according the norm, indicates emergency call accepted. Availability of any pictograph.



Push button for floor selection, identified with the symbols of every floor, Braille and relief according to Normative EN 81-70. Availability of any nomenclature. -3, -2, PB, E, A, SA, G.

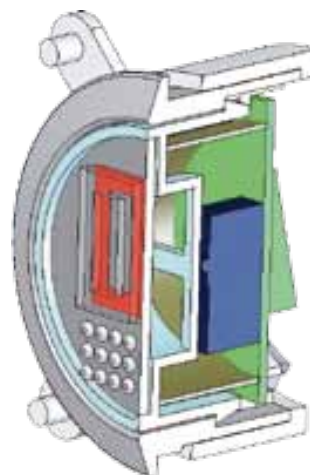


Push buttons

EDEL Push Buttons RC-RD Models

-Technical Characteristics:

- Possibility in two types of finishes: chrome or gold at client election.
- Power supply 24VDC.
- SMD components.
- Made in fireproofing plastic with a thick coat in order to warranty quality and durability.
- Lead-free welding according normative RoHS 2002/95/EC.
- Meets with normative EN81-70 (Accessibility to lifts for persons with disabilities) regarding contrast, mechanism, relief and Braille.
- Push Buttons in any nomenclature: -3, -2, PB, E, A, SA, G.



PUSH BUTTONS (STRIP) - "AVAILABLE WITH CONNECTOR"

DESCRIPTION	CODES
PUSH BUTTONS EDEL RC/RD-R (-3/21 CAR FIXTURES)	1220110100
PUSH BUTTONS EDEL RC/RD-R (DOOR OPEN)	1220110105
PUSH BUTTONS EDEL RC/RD-R (CLOSE DOOR)	1220110110
PUSH BUTTONS EDEL RC/RD-R (PHONE)	1220110115
PUSH BUTTONS EDEL RC/RD-R (ALARM)	1220110120
PUSH BUTTONS EDEL RC/RD-R (CALL)	1220110125
PUSH BUTTONS EDEL RC/RD-R (LANDING CALL UP DIRECTION)	1220110130
PUSH BUTTONS EDEL RC/RD-R (LANDING CALL DOWN DIRECTION)	1220110135
BLUE LED FOR PUSH BUTTONS (PER UNIT)	1220110140

LUMINOUS INDICATOR

DESCRIPTION	CODES
LUMINOUS INDICATOR EDEL RC/RD-R (DOUBLE ARROW)	1220110800
LUMINOUS INDICATOR EDEL RC/RD-R (LIFT HERE)	1220110805
LUMINOUS INDICATOR EDEL RC/RD-R (OPEN DOOR)	1220110810
LUMINOUS INDICATOR EDEL RC/RD-R (IN OPERATION)	1220110815

EDEL key switch

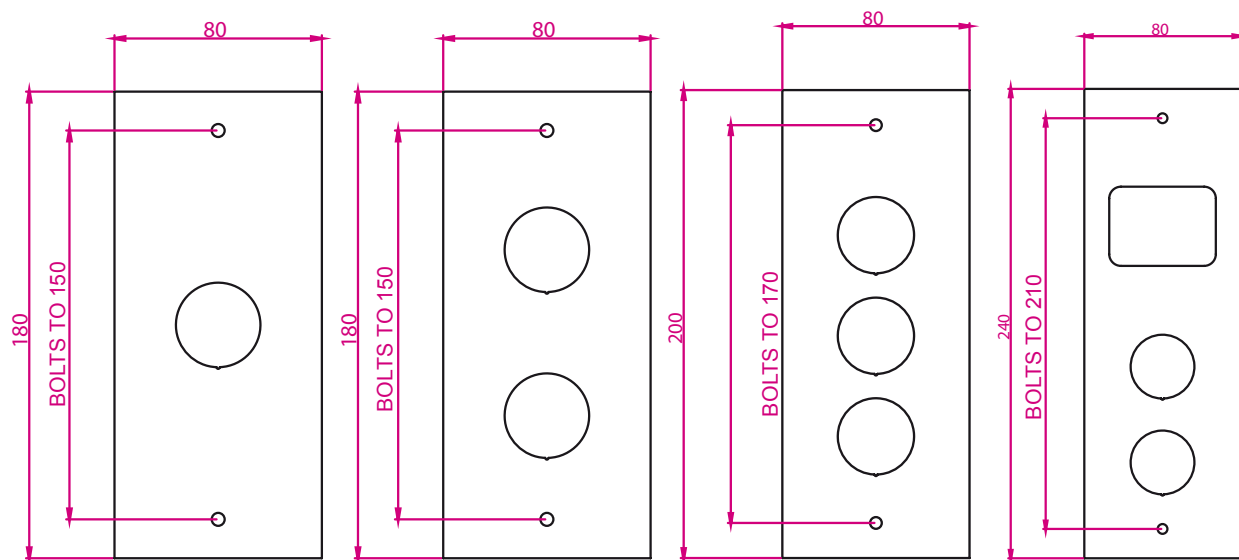


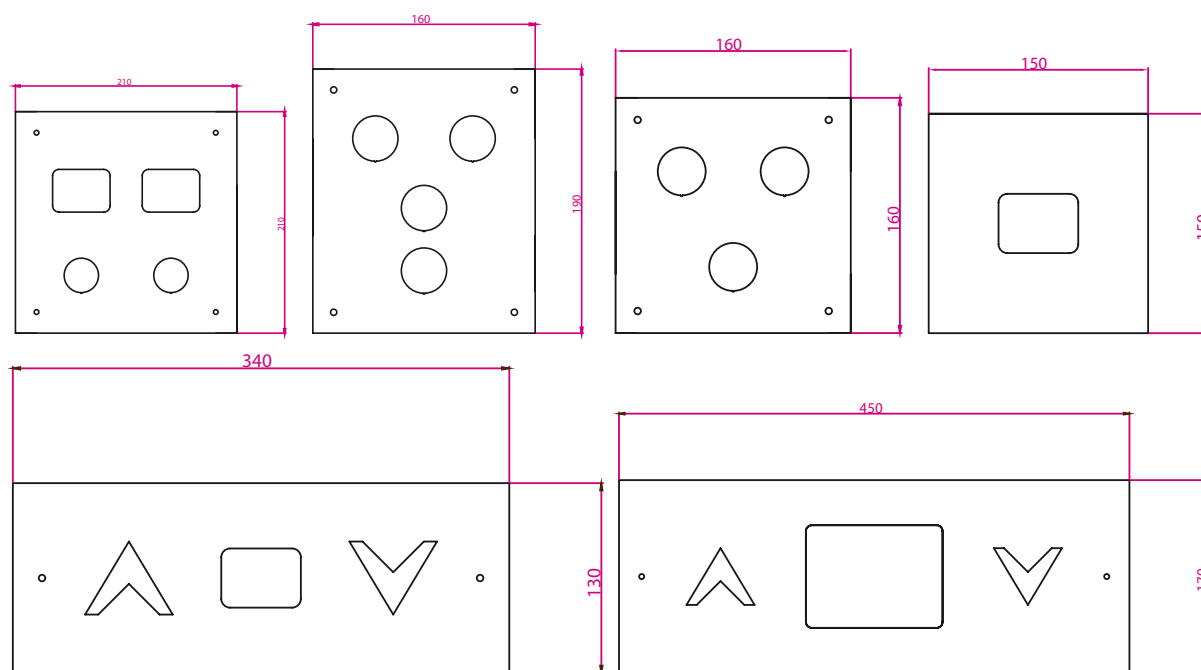
- EDEL key switch with luminous indicator (red or blue).

EDEL KEY SWITCHES

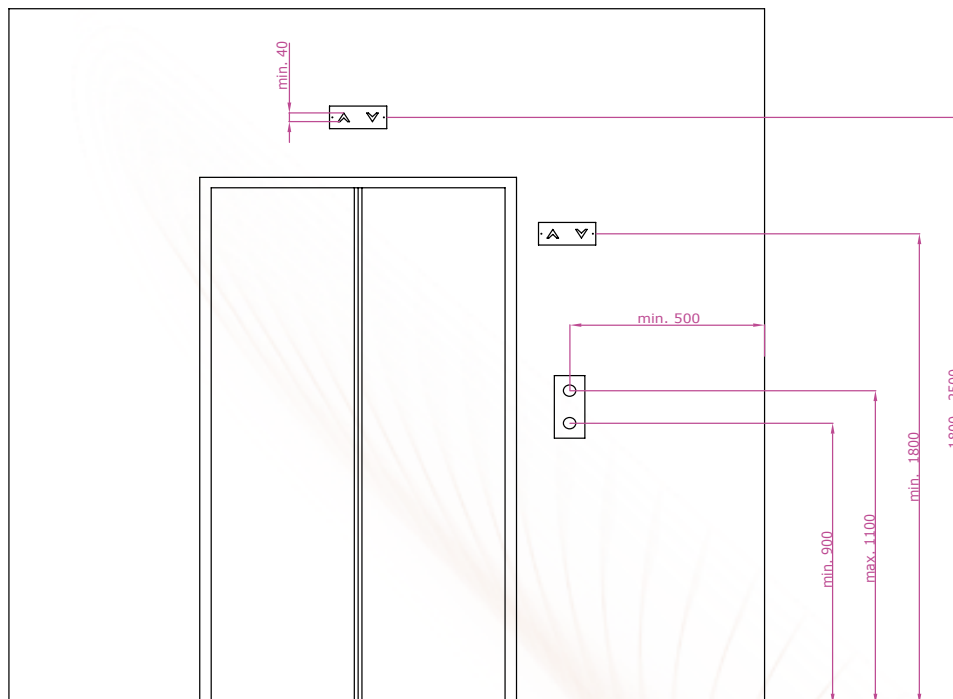
DESCRIPTION	CODES
HOUSING (WITHOUT KEY) RC-RD	1220110920
HOUSING (WITH KEY) RC-RD	1220110925
KEY SWITCH WITHOUT HOUSING (WITH RETURN)	1202002070
KEY COPY (NORMAL KEY)	1202002100

Landing fixture

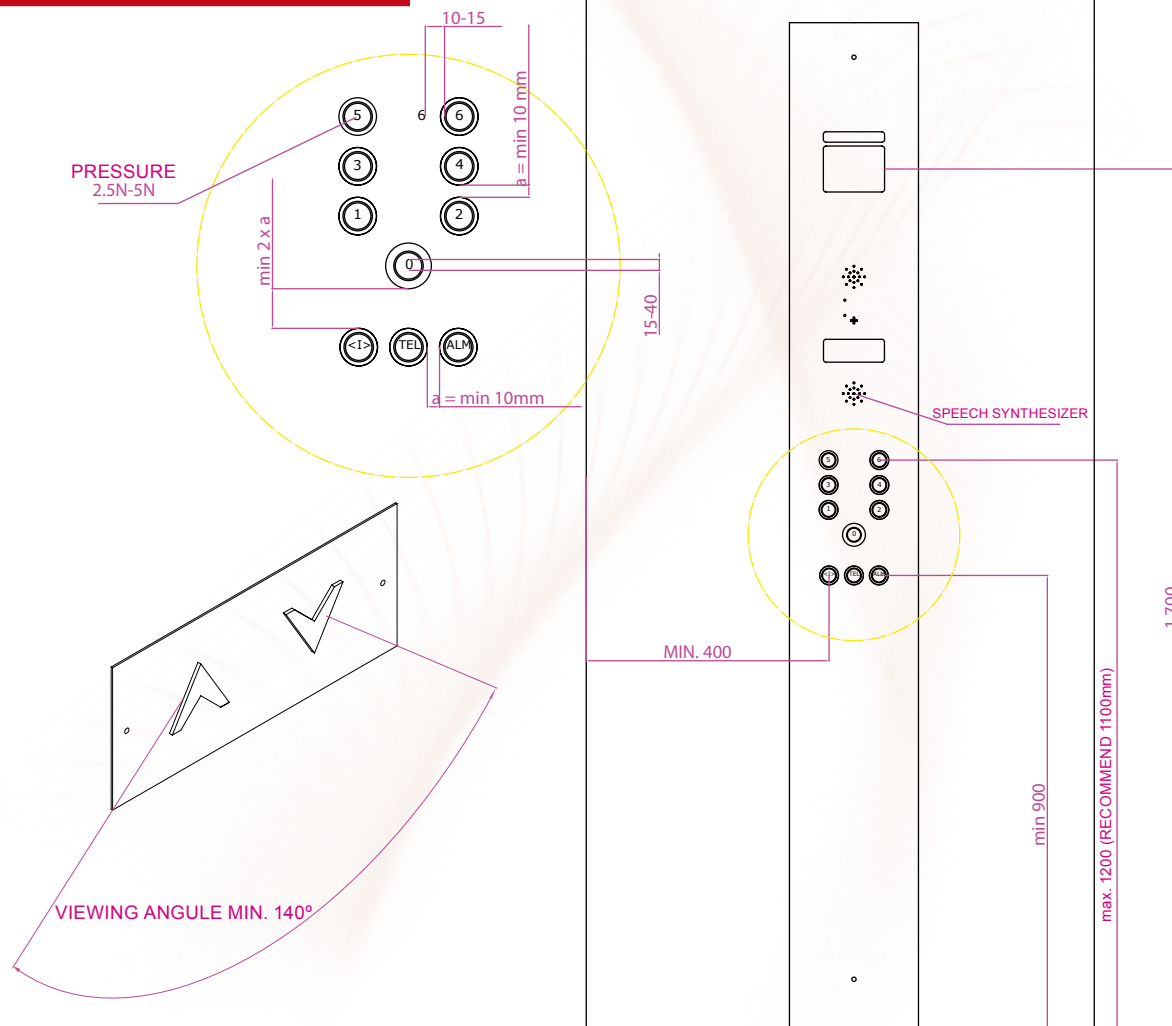




FIXTURES		
DESCRIPTION	CODES	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL 180x80)	1221012100	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-FD 180x80)	1221012105	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-DN 200x80)	1221012110	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-PA 180x80)	1221012115	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-E 180x80)	1221012120	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-F 180x80)	1221012125	
LANDING FIXTURE EDEL-RC/RD-R (BR/LLS-FD 180x80)	1221012130	
LANDING FIXTURE EDEL-RC/RD-R (BR/LLB-FD 180x80)	1221012135	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-DM 180x80)	1221012140	
LANDING FIXTURE EDEL-RC/RD-R (BR/LLSB-DM 210x80)	1221012145	
LANDING FIXTURE EDEL-RC/RD-R (BR/LLSB-FD 210x80)	1221012150	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-PA-FD 210x80)	1221012155	
LANDING FIXTURE EDEL-RC/RD-R (BR/LL-PA-DN 240x80)	1221012160	
LANDING FIXTURE EDEL-RC/RD-R (BR/LLSB-DN 240x80)	1221012165	
LANDING FIXTURE EDEL-RC/RD-R (BRC/LL-2DN 210x210)	1221012170	
LANDING FIXTURE EDEL-RC/RD-R (BRC/LLSB-2DN 210x210)	1221012175	
LANDING FIXTURE EDEL-RC/RD-R (BRC/LL-2FD 160x160)	1221012180	
LANDING FIXTURE EDEL-RC/RD-R (BRC/LLSB-2FD 190x160)	1221012185	
LANDING FIXTURE EDEL-RC/RD-R (BR/DOUBLE ARROW 180x80)	1221012190	



DETAIL





Car fixtures

LCD PLATE

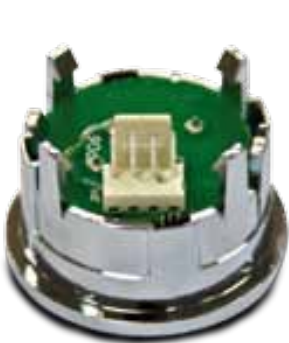
EMERGENCY LIGHT
LCD DISPLAY
PHONE

ROTARY DISPLAY PLATE

EMERGENCY LIGHT
ROTARY DISPLAY
PHONE

SPECIFY TYPE OF PUSH BUTTONS CONNECTION
(CONNECTOR OR STRIP) AND TYPE
OF DISPLAY (LCD OR ROTARY)

STOPS	TYPE	CODES
2	LCD/PDT-02	1221010100
3	LCD/PDT-03	1221010105
4	LCD/PDT-04	1221010110
5	LCD/PDT-05	1221010115
6	LCD/PDT-06	1221010120
7	LCD/PDT-07	1221010125
8	LCD/PDT-08	1221010130
9	LCD/PDT-09	1221010135
10	LCD/PDT-10	1221010140
11	LCD/PDT-11	1221010145
12	LCD/PDT-12	1221010150
13	LCD/PDT-13	1221010155
14	LCD/PDT-14	1221010160
15	LCD/PDT-15	1221010165
16	LCD/PDT-16	1221010170
17	LCD/PDT-17	1221010175
18	LCD/PDT-18	1221010180
19	LCD/PDT-19	1221010185
20	LCD/PDT-20	1221010190
21	LCD/PDT-21	1221010195

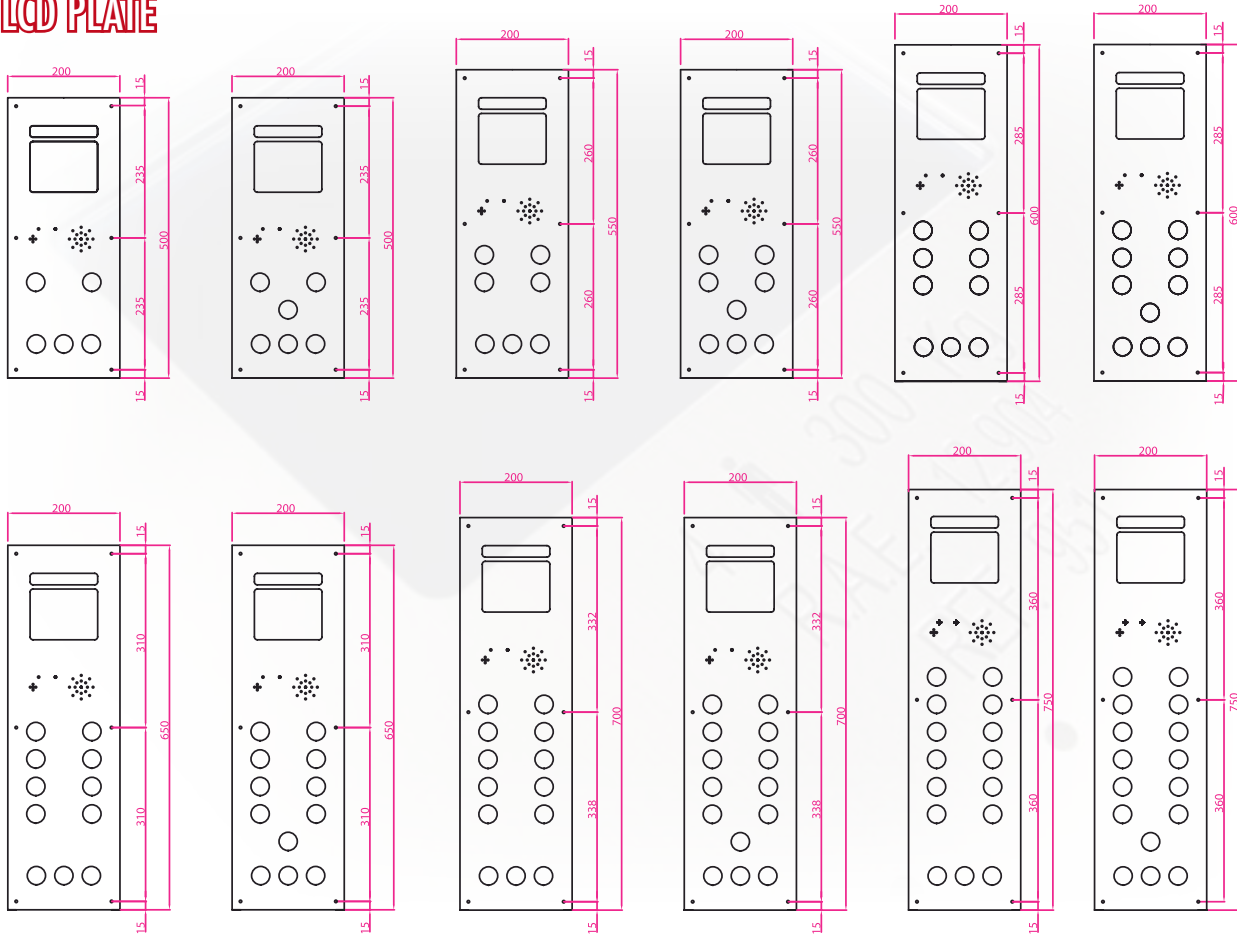


CONNECTOR

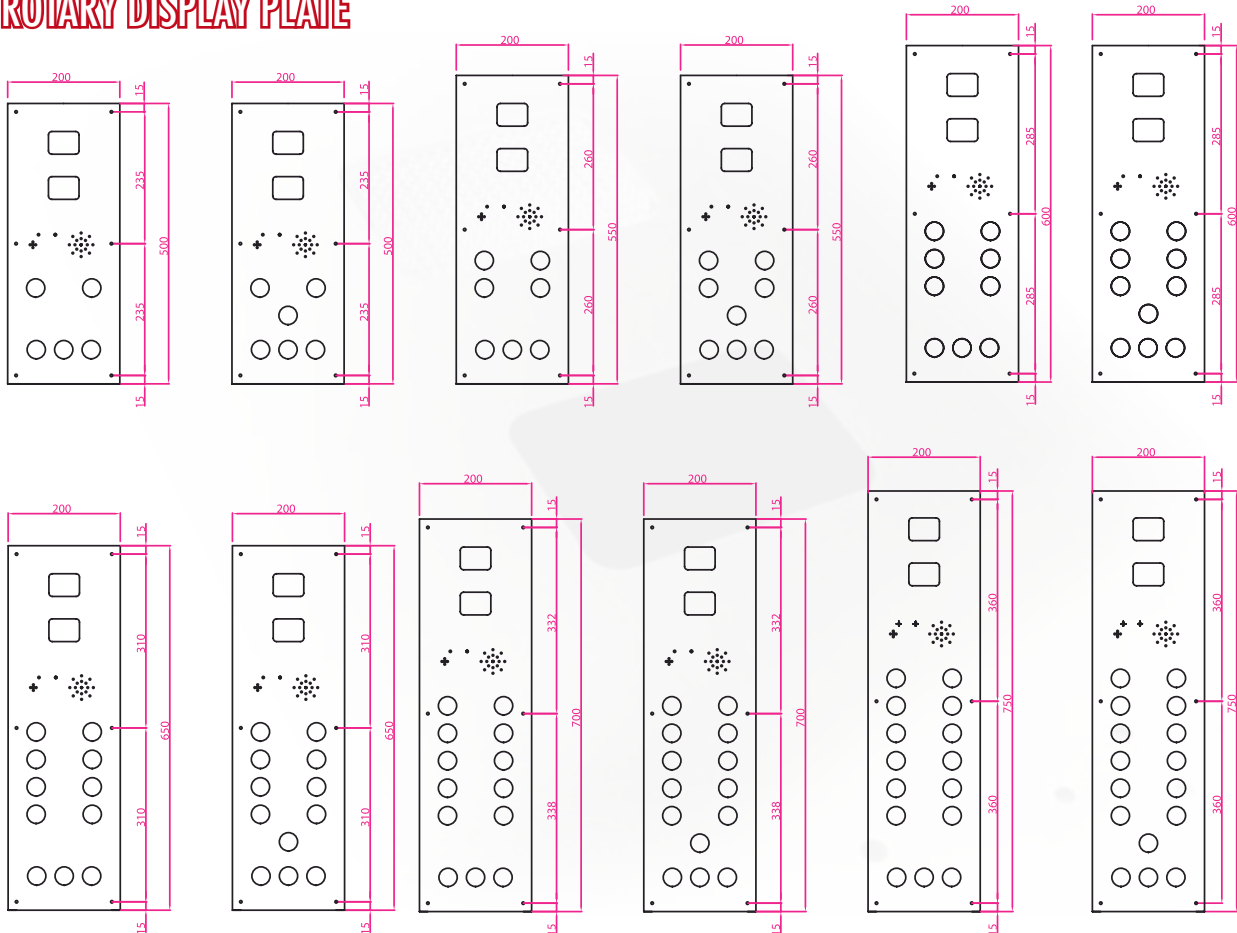


STRIP

LCD PLATE

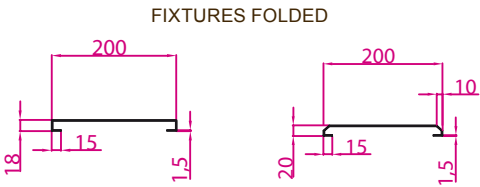
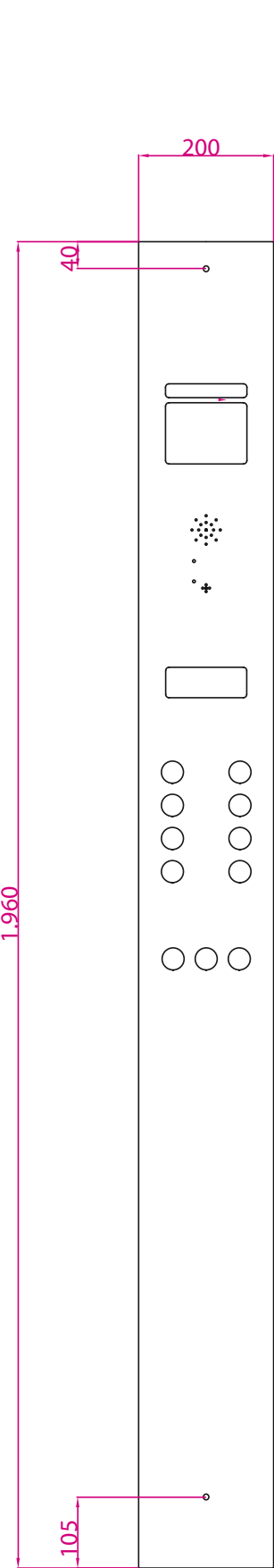


ROTARY DISPLAY PLATE



Car full height fixture

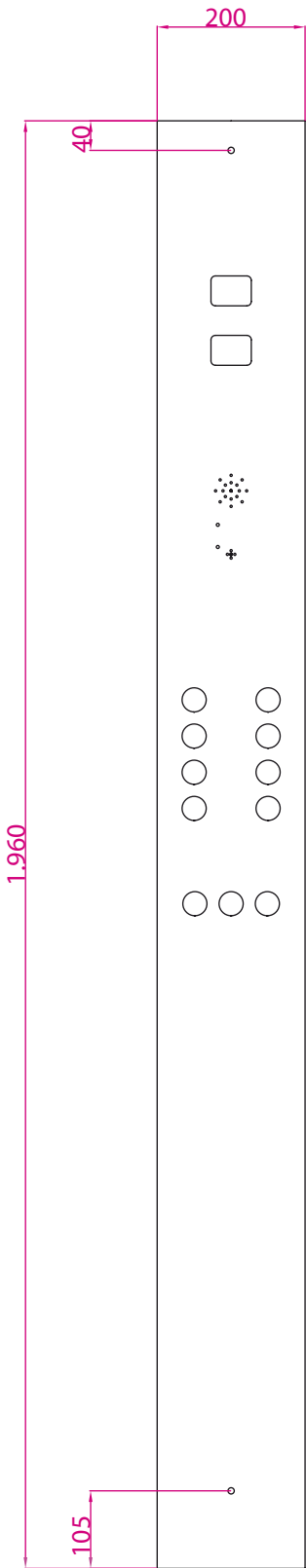
FIXTURES
4



MATERIAL: ISTAINLESS STEEL SCOTCH SATIN
PLATE: WIDTH

STOPS	TYPE	CODES
2	PDT/LCD-T-02	1221011100
3	PDT/LCD-T-03	1221011105
4	PDT/LCD-T-04	1221011110
5	PDT/LCD-T-05	1221011115
6	PDT/LCD-T-06	1221011120
7	PDT/LCD-T-07	1221011125
8	PDT/LCD-T-08	1221011130
9	PDT/LCD-T-09	1221011135
10	PDT/LCD-T-10	1221011140
11	PDT/LCD-T-11	1221011145
12	PDT/LCD-T-12	1221011150
13	PDT/LCD-T-13	1221011155
14	PDT/LCD-T-14	1221011160
15	PDT/LCD-T-15	1221011165
16	PDT/LCD-T-16	1221011170
17	PDT/LCD-T-17	1221011175
18	PDT/LCD-T-18	1221011180
19	PDT/LCD-T-19	1221011185
20	PDT/LCD-T-20	1221011190
21	PDT/LCD-T-21	1221011195

AVAILABLE WITH CONNECTOR OR STRIP
AND ANY FOLDED MEASURE





Our engravings are made with the latest generation GRAVOGRAPH XP6000 machines that reach 20.000 rpm. Specially design for steel work with perfect results.

All our engravings are 1 mm deep, which guarantees a long lasting and resistant painting.

All our logos can be personalized at our customer's choice, with 1, 2, 3 or 4 colours (they can be adjoining). Engravings on: push button plates, metha-

crylate, wood, steel, aluminium, brass, etc.

We have a wide range of standard colours, but we can also supply special colours on demand.

We engrave all kinds of car and landing fixtures, door jambs, display frames, etc.

We make display methacrylates on demand. For displays with special dimensions, ask for more information.

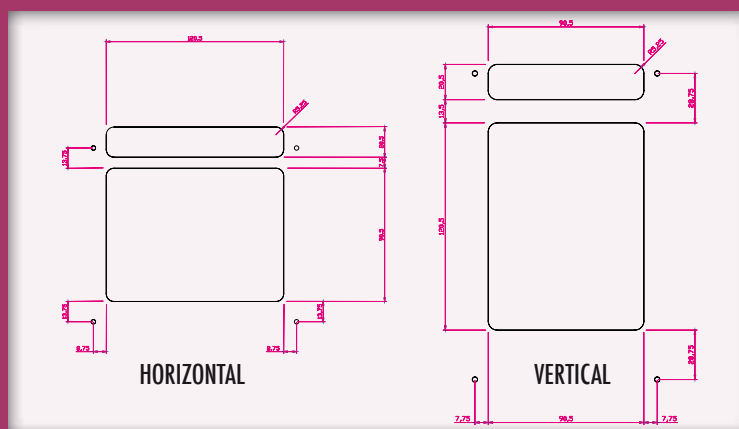


COMPTON DISPLAYS

- Key features and drawings.
- Frames and methacrylates for displays.

Pg: 57-58-59
Pg: 60

LCD display EDEL 64300



TECHNICAL CHARACTERISTICS:

- Blue backlight LCD display 5,7" with direction indicator, excess weight indicator, excess weight buzzer and emergency light.
- Versions in horizontal or vertical at client election.
- Logo of the customer's company.
- Modes of operation in binary, can bus and autonomous.
- For the operation in autonomous is necessary a kit of detectors and set a magnet per floor to indicate the position of the car.
- Programming buttons in the printed circuit to configure display.
- Sequence, capacity, language, texts, arrows configurable by user.
- Provided with a test mode to check the programmed sequence without need of connecting the signals.

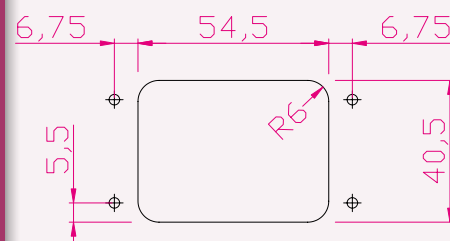
DESCRIPTION	CODES
DISPLAY LCD EDEL 64300V VERTICAL	6011010105
DISPLAY LCD EDEL 64300H HORIZONTAL	6011010104

Surface mounted WCO display



DESCRIPTION	CODES
SURFACE MOUNTED WCO LCD DISPLAY INOX BOX	6011010116

EDEL K2 64310 rotary display



TECHNICAL CHARACTERISTICS:

- Dot matrix display version in red with direction arrows, excess weight, visual and sound indicator.
- Modes of operation in binary or autonomous.
- For the operation in autonomous is necessary a kit of detectors and set a magnet per floor to indicate the position of the car.
- Programming buttons in the printed circuit to configure display.
- Sequence, operation mode, rotation, speed of rotation, buzzer, blinking and arrows configurable by user.
- Provided with a test mode to check the programmed sequence without need of connecting the signals.

DESCRIPTION	CODES
DISPLAY EDEL K2 64310-R (RED ROTARY)	6011010010
DISPLAY EDEL K2 64310-A (BLUE ROTARY)	6011010020

Display Autonomous Kit LCD/Rotary



TECHNICAL CHARACTERISTICS:

- Kit for the display operation in autonomous (LCD or dot matrix).
- Compose of display + 24V power source + 3 detectors with the bracket + positioning magnets (magnets per stop + 1 correcting magnet in the main floor, selected using the menu of the display).
- Ideal for reforms.

DESCRIPTION	CODES
KIT DISPLAY LCD AUT. EDEL K2 LCD 64300 2/10 STOPS	6011010050
KIT RED ROTARY DISPLAY AUT. EDEL K2 LCD 64310-R 2/10 STOPS	6011010030
KIT BLUE ROTARY DISPLAY AUT. EDEL K2 LCD 64310-A 2/10 STOPS	6011010040

Ede Displays

Display EDEL-MPR/PG-R/A



Display EDEL-MPR/PF-R



TECHNICAL CHARACTERISTICS:

- Dot matrix display in two colors (high brightness leds)
- Measures: MPR/PG-R/A: 98 X 48 mm / MPR/PF-R: 98 X 40 mm.
- Temperature range: -20°C/60°C.
- Power supply: 24 VDC.
- Viewing of the running direction.

DESCRIPTION	CODES
DISPLAY EDEL-MPR/PG-R (RED)	6011010175
DISPLAY EDEL-MPR/PG-A (BLUE)	6011010176
DISPLAY MPR/PF-R	6011010177

WCO LCD Display



TECHNICAL CHARACTERISTICS:

- Blue LCD display for setting in car or landing fixtures.
- Possibility of including animations.
- Temperature range: -20°C/60°C.
- Power supply 24 VDC.
- Viewing of the running direction.

DESCRIPTION	CODES
WCO LCD DISPLAY	6011010178

TFT-WCO display

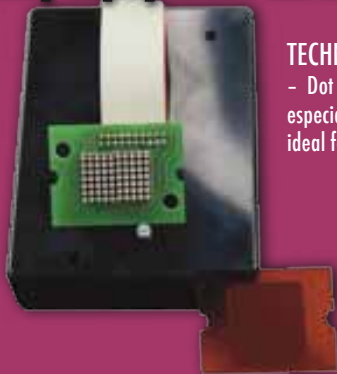


TECHNICAL CHARACTERISTICS:

- TFT Display (262.000 colours).
- Contrast ratio: 300:1.
- Resolution 640 x 480.
- Measures: 150(L) x 110 (W) x 19 (D).
- Life time: 90.000 h.
- Temperature range: from -20°C to 60°C.
- Power supply: 8-27 VDC.
- Consumption: 200mA @ 24 VDC.
- Key features: Wide viewing, super bright and high contrast ratio, floor, arrow, date, temperature, lift status and lift information display, all inputs are programmable, all frames and sub-frames are programmable.

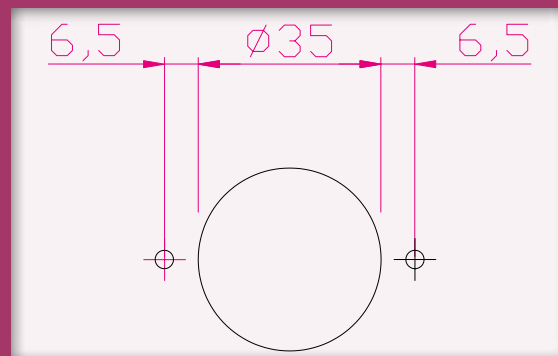
DESCRIPTION	CODES
COLOR WCO TFT EDEL DISPLAY	6011010111

Rotary display EDEL-54MPR-R/MINI



TECHNICAL CHARACTERISTICS:

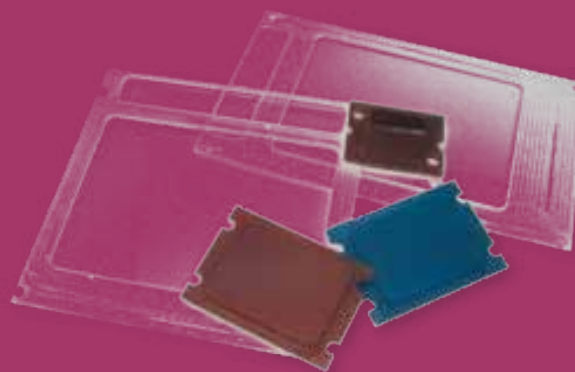
- Dot matrix display version in red with especial size of 35 mm of diameter, ideal for landing operation panel.



DESCRIPTION	CODES
DISPLAY EDEL-54MPR-R/MINI ROTARY	6011010130



FRAME FOR DISPLAYS



EDEL METHACRYLATES

SPECIAL METHACRYLATES MEASURES UNDER REQUEST.

DISPLAYS

DESCRIPTION	CODES
DISPLAY EDEL K2 64310-R (RED ROTARY)	6011010010
DISPLAY EDEL K2 64310-A (BLUE ROTARY)	6011010020
DISPLAY EDEL-54MPR-R/MINI (ROTARY)	6011010130
DISPLAY LCD EDEL 64300V VERTICAL	6011010105
DISPLAY LCD EDEL 64300H HORIZONTAL	6011010104
METHACRYLATE FOR ROTARY DISPLAY (BLUE/RED) *	6011010102
METHACRYLATE FOR MINI DISPLAY (RED)	6011010101
METHACRYLATE FOR LCD HORIZONTAL DISPLAY	6011010410
METHACRYLATE FOR LCD VERTICAL DISPLAY	6011010400
SURFACE MOUNTED WCO LCD DISPLAY INOX BOX	6011010116
PLASTIC FRAME FOR DISPLAY	6011010141

* SPECIFY METHACRYLATE'S COLOR IN THE REQUEST

AUTONOMOUS DISPLAY

DESCRIPTION	CODES
AUTONOMOUS KIT DISPLAY EDEL K2 64310-R (RED) 2/10 STOPS	6011010030
AUTONOMOUS KIT DISPLAY EDEL K2 64310-A (BLUE) 2/10 STOPS	6011010040
AUTONOMOUS KIT DISPLAY EDEL K2 LCD 64300 2/10 STOPS	6011010050

ACCESSORIES

- Alarms and emergency light.
- Inspection box and pit stops.
- Magnetic detectors and magnets.
- Iron fittings.
- Load control units and photocells.
- Phones and interphones.
- CDC and CNP Modules.

Pg: 63
Pg: 64
Pg: 65
Pg: 66-67
Pg: 68
Pg: 69
Pg: 70

Accesorios Alarms and emergency light

ALARM AKO 5404C




AKO-5404C

Tornillos de fijación
max. 5mm diámetro
Fixing screws
max. 5mm diameter

Tornillos para fijación
Fixing holes



Tornillos de fijación
max. 4mm diámetro
Fixing screws
max. 4mm diameter



EMERGENCY LIGHT MAC



EMERGENCY LIGHT BRAND AKO 6V

ALARMS AND EMERGENCY LIGHT	
DESCRIPTION	CODES
LIFT ALARM 6V. AKO BRAND 5404C	1501010100
LIFT ALARM 12V. AKO BRAND 5409C	1501010101
EMERGENCY LIGHT 6V. AKO BRAND 54301	1501010102
CAR FIXTURE EMERGENCY LIGHT PLB 20106 WITH ROUND EDGES	6011010140
ELECTRONIC DING DONG IN BOX 24V.	6011030250

Accessories

Inspection box, pit stop & assembly hand control



EDEL INSPECTION BOX

- Control device for setting in car roof.
- Assembly hand control with direction push buttons for the lift movement during the inspection mode, as well as stop button.
- Normal/Inspection Switch.
- Light in the box.
- EDEL alarm.
- 220Vac output.
- Bidirectional communication device, brand Merak, according to normative 81-28.
- Push buttons in the box to make emergency phone calls.
- In Can Bus installations speech synthesizer is included.

EDEL-190 (plastic box)/EDEL-240 (metallic box)

- Control device for setting in car roof.
- Ideal for goods/home lifts application.
- Push buttons for the lift movement during the inspection mode, as well as stop button.
- Normal-inspection switch.
- EDEL alarm.
- Light in the box.
- 220Vac output.
- Bidirectional communication device brand Merak according normative to 81-28.
- Push buttons in the box to make emergency phone calls.

ASSEMBLY HAND CONTROL

- Assembly hand control for installer.
- Includes direction push buttons for the lift movement during the inspection mode, stop button and normal-inspection switch.
- Device to be used in conjunction with the card EDEL-Ins for the operation in assembly mode.

PIT STOP

- Security device for setting in the pit of the shaft
- Includes stop push button, shaft light switch and 220 V. output.

INSPECTION BOX, PIT STOP & ASSEMBLY HAND CONTROL

DESCRIPTION	CODES
INSPECTION BOX EDEL-190 WITH PUSH BUTTONS	1100000010
INSPECTION BOX EDEL-190-A WITH PUSH BUTTONS AND TERMINALS	1100000020
INSPECTION BOX EDEL-240-A WITH PUSH BUTTONS	1100000120
INSPECTION BOX EDEL-240-B WITH PUSH BUTTONS AND TERMINALS	1100000130
INSPECTION BOX EDEL-240-C WITH PUSH BUTTONS AND ALARM	1100000140
INSPECTION BOX EDEL-240-D WITH BUTTONS, ALARM AND TERMINALS	1100000150
PRE-WIRED PIT STOP BOX	1100000160
ASSEMBLY HAND CONTROL FOR THE INSTALLER	1100000161
COMPLETE EDEL INSPECTION BOX (WITHOUT PHONE)	1100000045

Accessories Magnetic detectors and magnets

DETECTORS KIT

-Detectors kit

SINGLE SPEED

DESCRIPTION	CODES
FROM 2 TO 5 STOPS	5011010170
FROM 6 TO 7 STOPS	5011010200
FROM 8 TO 10 STOPS	5011010230
FROM 11 TO 13 STOPS	5011010260
FROM 14 TO 16 STOPS	5011010280

HYDRAULIC, 2 SPEEDS AND 3V

DESCRIPTION	CODES
2 STOPS	5011010150
FROM 3 TO 5 STOPS	5011010180
FROM 6 TO 7 STOPS	5011010210
FROM 8 TO 10 STOPS	5011010240
FROM 11 TO 13 STOPS	5011010270
FROM 14 TO 16 STOPS	5011010290

HYDRAULIC OPEN DOOR LEVELLING

DESCRIPTION	CODES
2 STOPS	5011010160
FROM 3 TO 5 STOPS	5011010190
FROM 6 TO 7 STOPS	5011010220
FROM 8 TO 10 STOPS	5011010250

FOR MORE THAN 16 STOPS, ASK FOR PRICES



DETECTORS

-Detectors

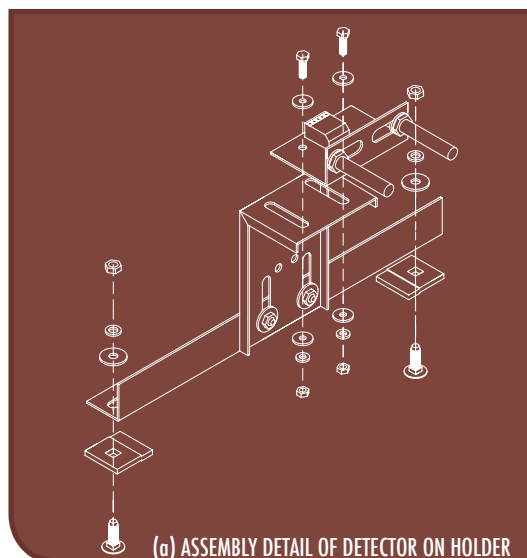
DESCRIPTION	CODES
SIMPLE DETECTOR WITH HOLDER	5010000090
DOUBLE DETECTOR WITH HOLDER	5010000100
RELEVING DETECTOR	5010000105
ODD DETECTOR	4010000035

MAGNETS

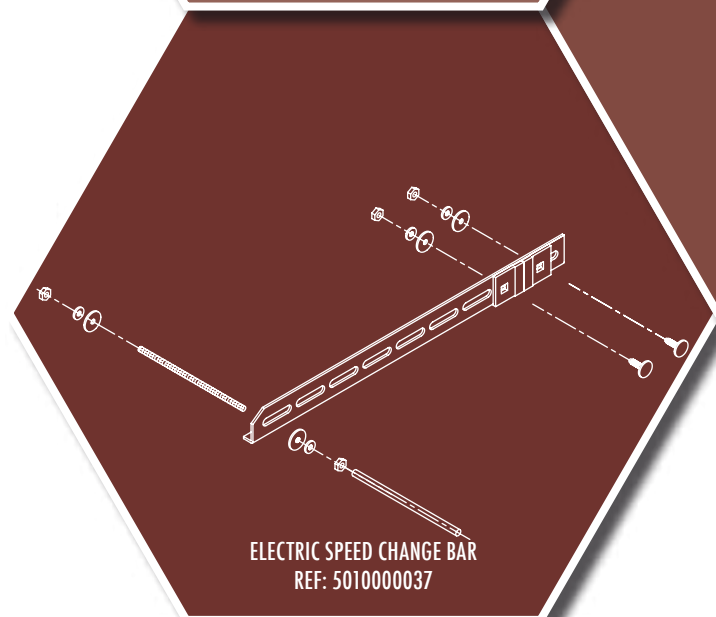
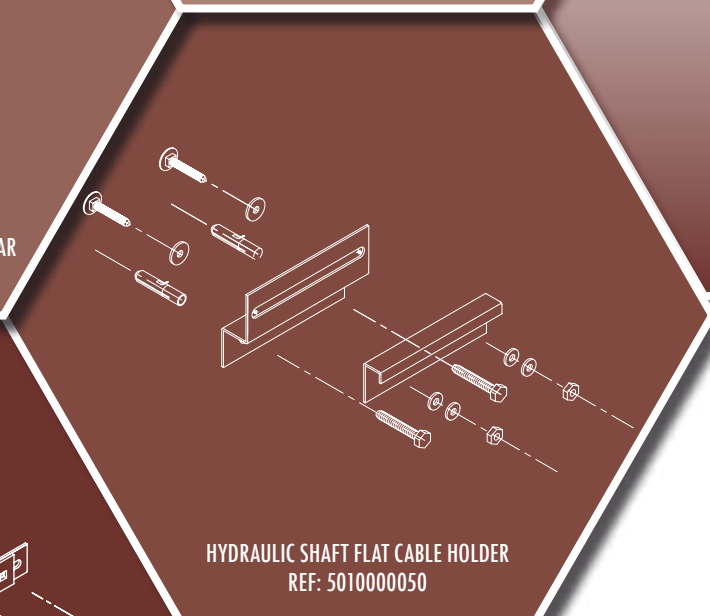
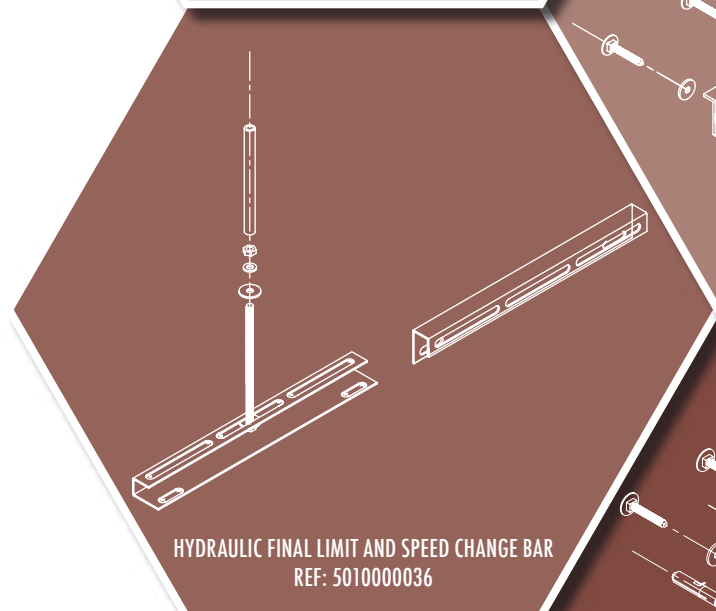
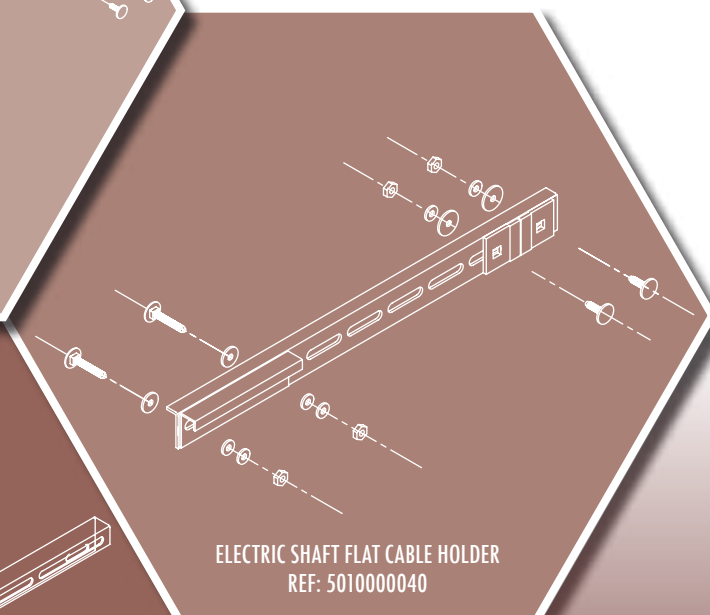
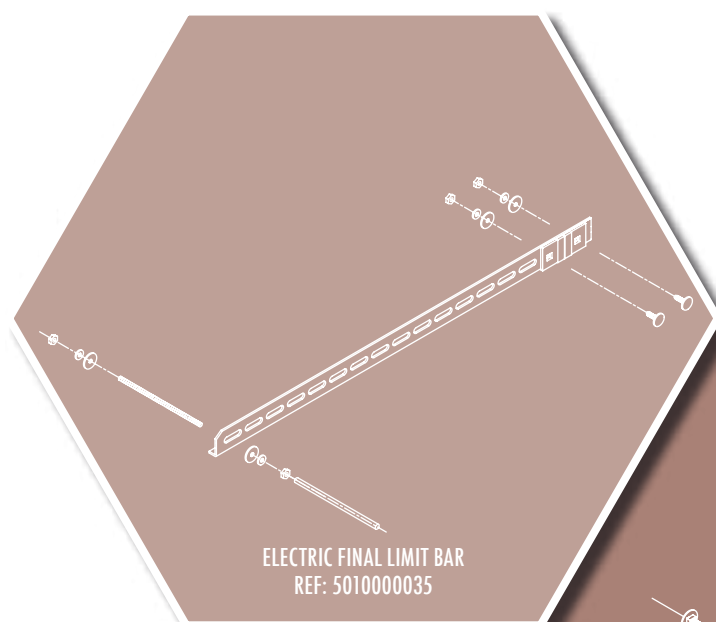
-Magnets

DESCRIPTION	CODES
350 mm. MAGNET	5010000010
200 mm. MAGNET.	5010000020
150 mm. MAGNET	5010000030
120 mm. MAGNET	5010000031
100 mm. MAGNET	5010000033
80 mm. MAGNET	5010000032

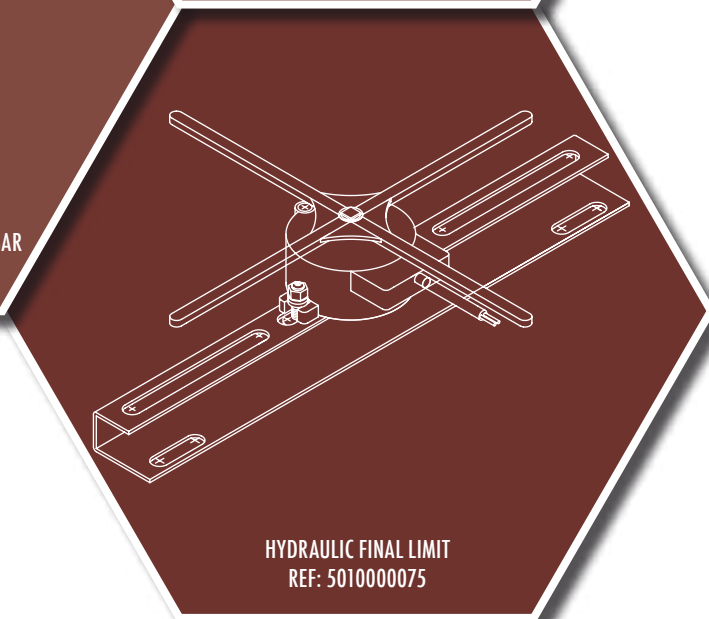
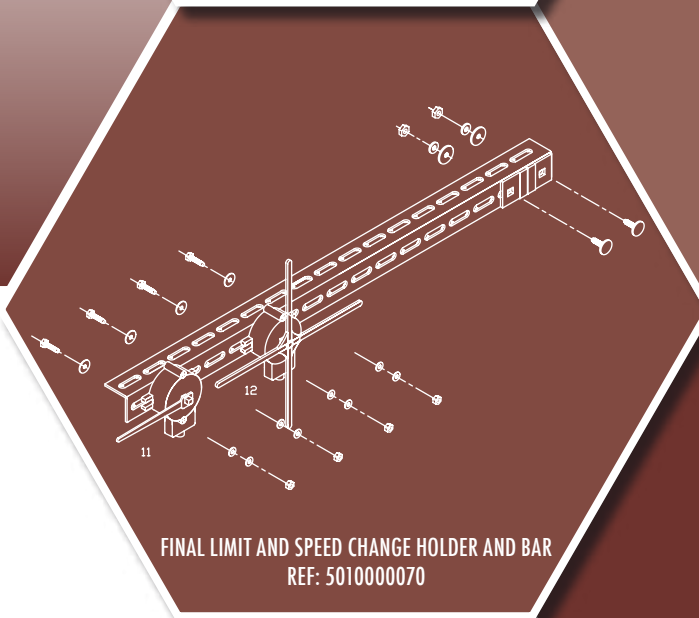
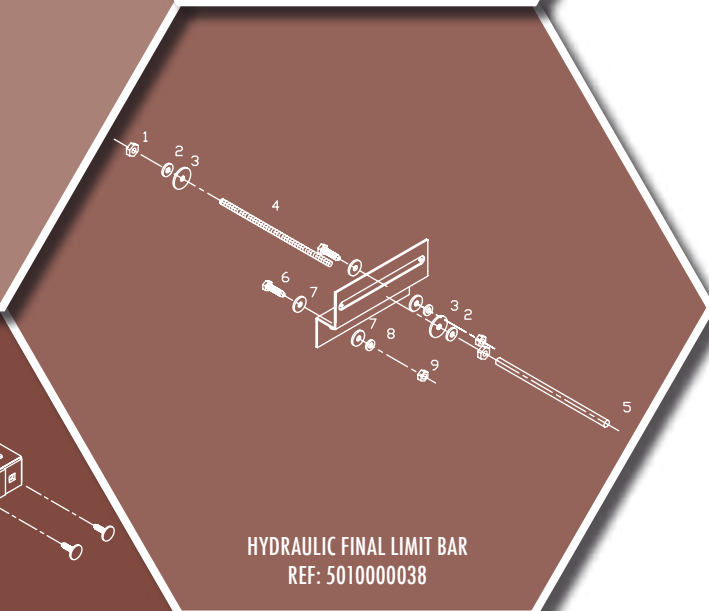
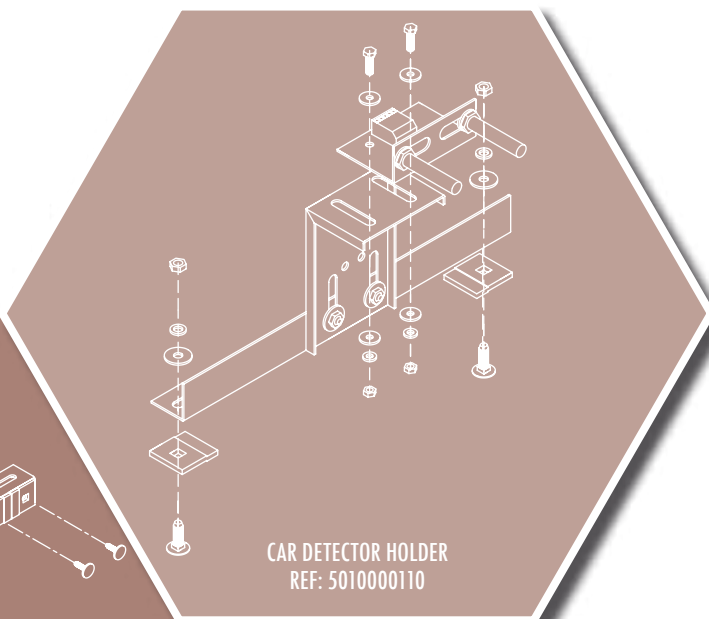
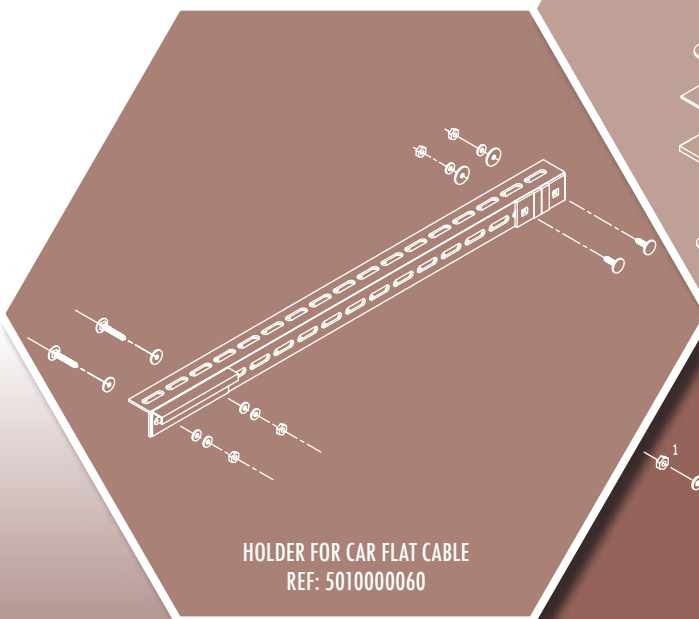
Iron magnetic detectors highly resistant to shocks and dirt. Easy connection with WAGO brand connectors. See drawing (a) for assembly on car with detector holder (5010000110).



Accessories Iron fitting



Accessories Iron fitting



Accesories Load control units and photocells

PHOTOCELLS



TECHNICAL CHARACTERISTICS:

- Button type photocell with photoelectric amplifier.
- Transistor (PNP / NPN) or relay outputs.
- Short range 2.5 m, long range 8 m.
- Leds on the photoelectric amplifier for signals indication and reset push button.
- Immunity to strange illumination.
- Manual and automatic sensibility setting.

TECHNICAL CHARACTERISTICS:

- Light curtain photocell type Weco.
- N° of infrared beams: 128 ties.
- Response time: 65 ms.
- Vertical tolerance: 25 mm.
- Horizontal tolerance: 5 mm.
- Resolution: 25 mm.
- Detecting height: 1821 mm.
- Detecting range: 0-3000 mm.
- Max. ambient light: 100000 Lux.

PHOTOCELLS

DESCRIPTION	CODES
PHOTOCELL TELCO BRAND SERIES 3000 EMITTER SMT 3000C	6011030220
PHOTOCELL TELCO BRAND SERIES PA REF. PA01 A 500 (220 V)	6011030230
LIGHT CURTAIN PHOTOCELL BRAND WECO	6011030245

LOAD CONTROL UNITS



BRAND MICELECT LOAD CONTROL UNIT
FOR THE INSTALLATION UNDER CAR



BRAND DINACELL LOAD CONTROL UNIT FOR
THE INSTALLATION IN STEEL CABLES

TECHNICAL CHARACTERISTICS:

- Supplier Micelect.
- Ideal for hydraulic lifts.
- Range up to 6400KG.

TECHNICAL CHARACTERISTICS:

- Supplier Dinacell.
- Ideal for electric lifts.
- Range 4000-6000 KG.

LOAD CONTROL UNITS

DESCRIPTION	CODES
MICELECT BRAND ILC2 WIRE SENSOR (WITHOUT DISPLAY) 3500 KG.	6011030100
KIT VK3 + TCA K800 M10 DINACELL (UNDER CAR)	6011022110
HYDRAULIC ELECTRONIC LOAD CONTROL UNIT MICELECT BRAND SPB	6011030215
LOAD CONTROL UNIT BRAND DINACELL MOD. LCK-4T (STEEL CABLES)	6011022115
MP PROGRAMMING DISPLAY WITH BUZZER	6011030180
ML DISPLAY WITH BUZZER	6011030190
CAR DISPLAY MB-D (DISPLAY/BUZZER)	6011022125

Accesorios Phones and interphones

Emergency phone module for lift applications.
Meet with the safety normative EN 81-28.

TECHNICAL CHARACTERISTICS:

- Emergency device for bidirectional communication following normative EN81-28.
- Supplier Merak.
- Power supply 12 VDC +20-10%.
- Equipped with batteries for the operation in case of power failure.
- Programming from any phone with tone dialing or by interphone.
- Allows to record in memory up to 5 phone numbers.
- Periodic check of the module status.
- Car calls by mean of push buttons in the Car Operation Panel.
- Leds in Car Operation Panel for communication status indication.
- Possibility of making emergency calls from car's roof by mean of push buttons in the inspection box.
- Possibility of making emergency calls from the pit by mean of push buttons in car's floor.



TECHNICAL CHARACTERISTICS:

- Autonomous phone device for bidirectional communication.
- Ideal for reforms.
- Kit includes: phone device in box + fixations + batteries + INOX plate with call push button for the car (optional).
- Batteries for working in case of power failure.
- Call push button in the box for car roof emergency calls.

PHONES AND INTERPHONES

DESCRIPTION	CODES
MERAK KIT PHONE ACCORDING TO NORMATIVE EN81-28	6011020180
WALL PHONE (INTERCOM)	6011020185
MERAK BRAND BASIC KIT MMK-64202	6011020190
INTELLIGENT CHARGER 12V. 0,5 A MMK-105	6011020192
PB-ACID BATTERY 3,4A/H MMK-234	6011020191
ASSEMBLY KIT WITH PLATE	6011020193
ASSEMBLY KIT WITHOUT PLATE	6011020195



EDEL-54 CDC

TECHNICAL CHARACTERISTICS:

- Electric device for starting control, pulley sliding and maximum journey time.
- Ideal for reforms.
- In the mode of maximum journey time could be adjusted through switches a time interval between 20 to 45 seconds, if this lapse of time is surpassed the controller will get blocked by cutting any of the series.
- For journeys superior to 45 seconds is used a kit of detectors and magnets for pulses detection, in a way that if detector is more than 20 seconds without pulses, controller gets blocked.

EDEL-CNP-02

TECHNICAL CHARACTERISTICS:

- Autonomous electric device for car indication at floor level.
- Ideal for reforms.
- Module is compose of holders, pencil detector and magnets for the shaft installation.
- Normally open contact out of magnet zone.
- Led for the installation in door cabinet.
- CNP have been develop for the rescue in lifts, in case of power supply failure, module still will be working and will be able to keep in full load the LED ON for a length of time superior to 5 hours. Contains a battery.

MODULES

DESCRIPTION	CODES
WIRE SLIDING CONTROL MODULE	2401010100
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-5 STOPS)	2401010110
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-10 STOPS)	2401010120
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-15 STOPS)	2401010130
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-20 STOPS)	2401010140
EDEL 54CNP RELEVING ZONE CONTROL KIT (WITHOUT MAGNETS)	2401010150

SPARE PARTS



SPARE PARTS



ELECTRONIC CARDS & COMMUNICATION WIRES

DESCRIPTION	CODES
EDEL-54233 HYDRAULIC MAIN BOARD	3454233000
EDEL-54276 SERIES MODULE	3454276010
EDEL-54280 INPUTS/OUTPUTS MODULE	3454280010
EDEL-54275 CALL CARD	3454275000
EDEL-54235 EMERGENCY MODULE	3454235010
EDEL-54278B 1-2 SPEED AND 3VF MAIN BOARD	3454278A20
EDEL-54276 SERIES MODULE	3454276010
EDEL-54277A INPUTS/OUTPUTS MODULE	3454277A10
EDEL-54275 CALL CARD	3454275000
EDEL K2-64278 MAIN BOARD	3461001115
EDEL K2-64276 ELECTRIC MAIN BOARD	3461001110
EDEL K2-643VF INVERTER INPUTS/OUTPUTS MODULE	3461001125
EDEL K2-64275 CALL CARD	3461001100
CARD CAN-BUS K2 CARD WITH SPEECH UNIT AND LOUDSPEAKER	3461001130
LANDING CAN-BUS K2-64291 (PER FLOOR)	3461001135
K2 DUPLEX COMMUNICATION WIRE AND SOFTWARE	24K2000001
K2 TRIPLEX COMMUNICATION WIRE AND SOFTWARE	24K2000002
K2 QUADRUPLIX COMMUNICATION WIRE AND SOFTWARE	24K2000003

MODULES AND SPARE PARTS

DESCRIPTION	CODES
WIRE SLIDING CONTROL MODULE	2401010100
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-5 STOPS)	2401010110
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-10 STOPS)	2401010120
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-15 STOPS)	2401010130
EDEL 54CNP RELEVING ZONE CONTROL KIT (2-20 STOPS)	2401010140
EDEL 54CNP RELEVING ZONE CONTROL KIT (WITHOUT MAGNETS)	2401010150
GONG 24 V.	6011030250
AKO BRAND THERMISTOR	1501010103
N.O. GREEN PUSH BUTTON	1102000020
N.O. BLACK PUSH BUTTON	1102000025
2 POSITIONS N.O.+N.C BUTTON.	1102000030
PUSH BUTTON WITH BLOCK FUNCTION	1102000040
CONTACTOR LC1-D18F7	7010101000
CONTACTOR LC1-D25F7	7010101010
CONTACTOR LC1-D32F7	7010101020
CONTACTOR LC1-D38F7	7010101030
CONTACTOR LC1-D40F7	7010101040
CONTACTOR LC1-D50F7	7010101050
CONTACTOR LC1-D65F7	7010101060
CONTACTOR LC1-D80F7	7010101070